

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058392.D
 Acq On : 26 Sep 2019 17:33
 Operator : JC/SP
 Sample : K5037-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40241

Quant Time: Sep 27 02:38:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	576158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	922739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	758567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	323347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	398634	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.57	113	266391	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.09	98	1125945	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.41	95	365343	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	

Target Compounds					Qvalue
3) Chloromethane	2.03	50	8442	1.307 ug/l	96
4) Vinyl Chloride	1.97	62	12469	2.260 ug/l #	49
5) Bromomethane	2.50	94	4913	3.015 ug/l	93
6) Chloroethane	2.67	64	173	Below Cal	98
10) Methyl Iodide	3.91	142	1236	0.317 ug/l #	52
11) Tert butyl alcohol	4.71	59	2987	3.129 ug/l #	71
13) Acrolein	3.55	56	120	0.848 ug/l #	31
14) Allyl chloride	4.26	41	5145	0.675 ug/l #	37
16) Acetone	3.81	43	20660	7.585 ug/l	97
17) Carbon Disulfide	4.01	76	6430	1.556 ug/l #	90
18) Methyl Acetate	4.31	43	12834	1.791 ug/l #	80
20) Methylene Chloride	4.52	84	2234	0.248 ug/l #	77
31) Cyclohexane	7.64	56	14604	Below Cal #	12
36) 1,1-Dichloropropene	7.65	75	48429	7.278 ug/l #	46
38) Carbon Tetrachloride	7.64	117	56276	8.413 ug/l #	15
39) Methylcyclohexane	9.07	83	2760	0.499 ug/l #	82
40) Benzene	8.02	78	13211	0.650 ug/l	96
41) Methacrylonitrile	7.13	41	261	0.985 ug/l #	100
43) Isopropyl Acetate	8.16	43	32441	2.515 ug/l #	58
48) Methyl methacrylate	9.18	41	1278	0.218 ug/l #	28
52) Toluene	10.15	92	182139	14.299 ug/l	100
59) 2-Hexanone	10.89	43	1255	0.247 ug/l	66
67) Ethyl Benzene	11.51	91	67984	2.974 ug/l	99
68) m/p-Xylenes	11.62	106	97985	11.379 ug/l	96
69) o-Xylene	11.95	106	33280	3.931 ug/l	99
71) Bromoform	12.11	173	164	3.638 ug/l #	29
74) N-amyl acetate	11.82	43	138168	16.318 ug/l #	21
76) 1,2,3-Trichloropropane	12.41	75	197640	34.153 ug/l #	100
77) Bromobenzene	12.60	156	4321	0.849 ug/l #	1
78) n-propylbenzene	12.59	91	16534	0.719 ug/l	94
80) 1,3,5-Trimethylbenzene	12.74	105	16541	0.966 ug/l	96
81) trans-1,4-Dichloro-2-buten	12.41	75	197640	95.678 ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	82303	4.832 ug/l	99
85) sec-Butylbenzene	13.05	105	82303	4.124 ug/l #	59

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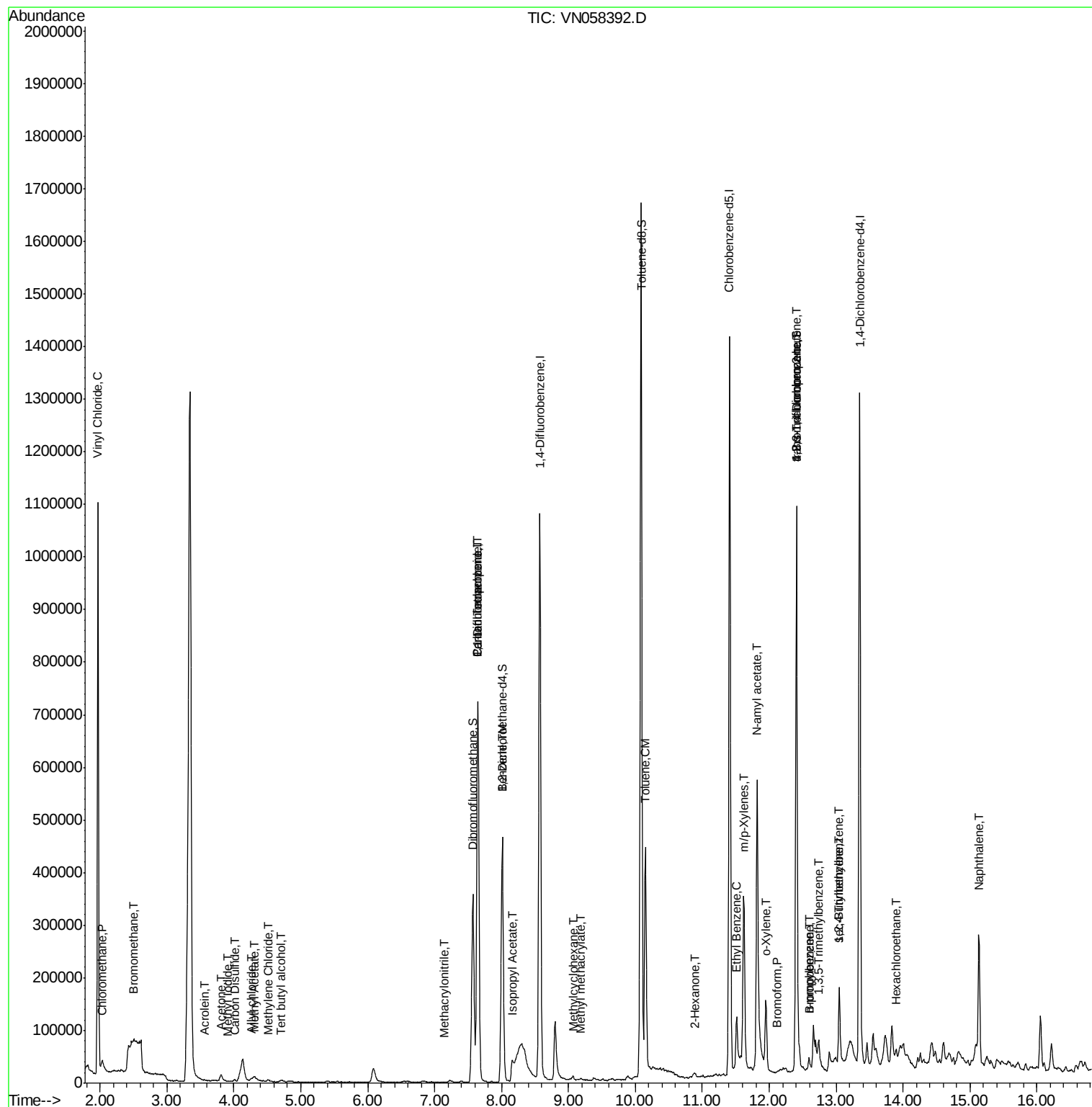
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.90	117	901	3.096	ug/l #	12
95) Naphthalene	15.14	128	193273	12.514	ug/l	99

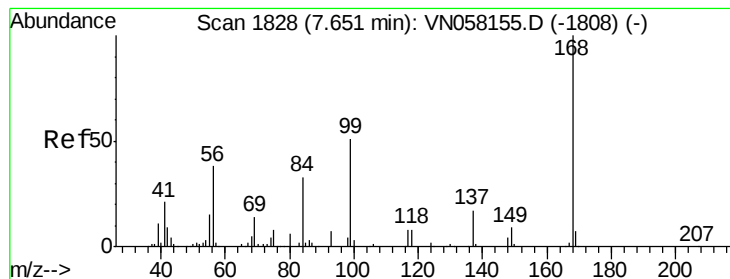
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058392.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

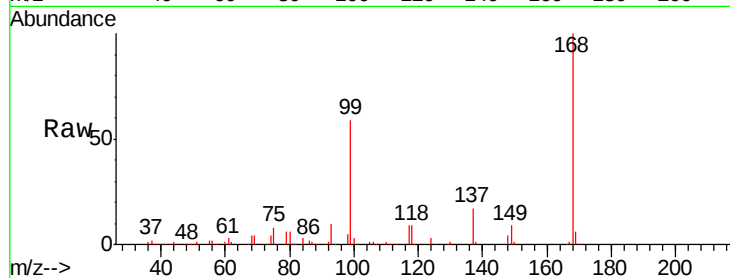
40241

Tgt Ion:168 Resp: 576158

Ion Ratio Lower Upper

168 100

99 58.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

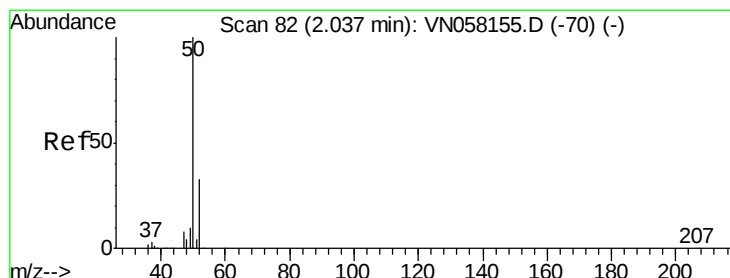
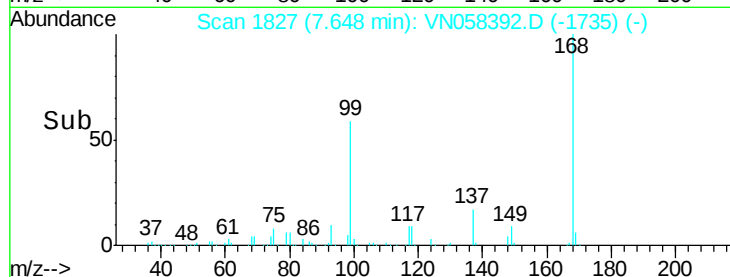
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.307 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058392.D

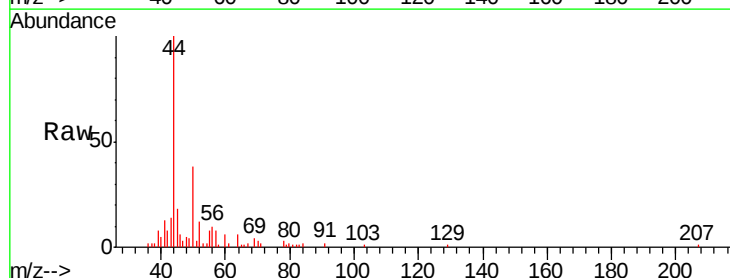
Acq: 26 Sep 2019 17:33

Tgt Ion: 50 Resp: 8442

Ion Ratio Lower Upper

50 100

52 30.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

6000

5000

4000

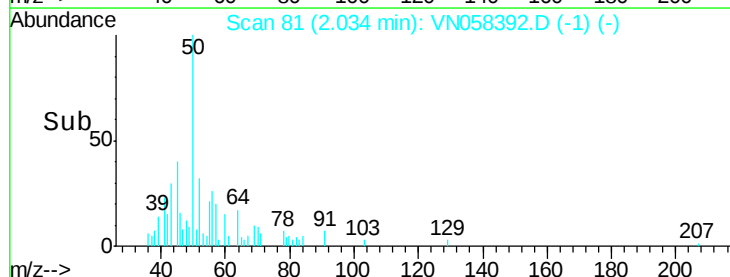
3000

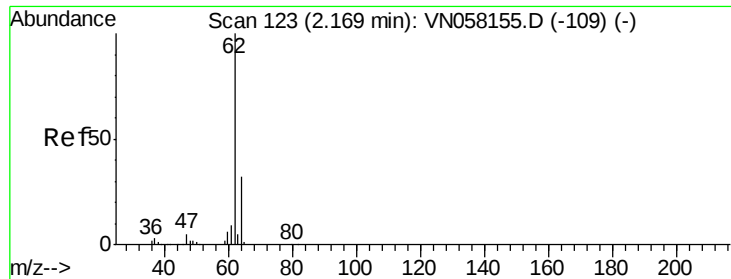
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 2.260 ug/l

RT: 1.97 min Scan# 61

Delta R.T. -0.20 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampled :

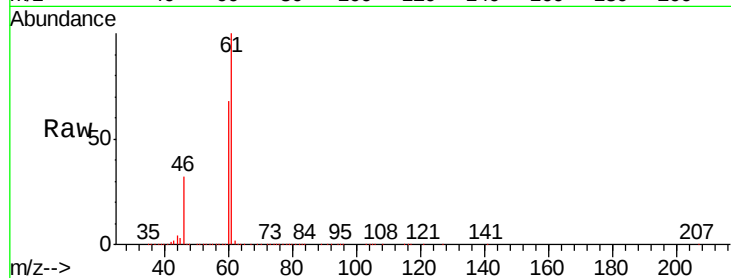
40241

Tgt Ion: 62 Resp: 12469

Ion Ratio Lower Upper

62 100

64 3.2 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

1.97

10000

8000

6000

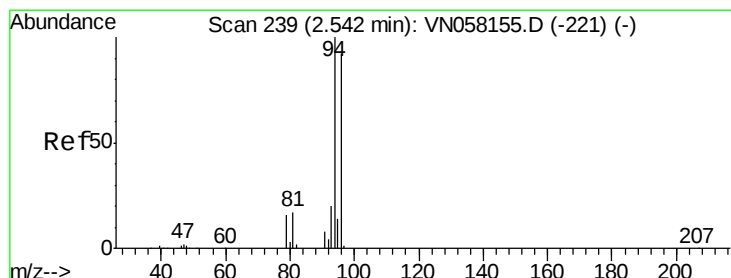
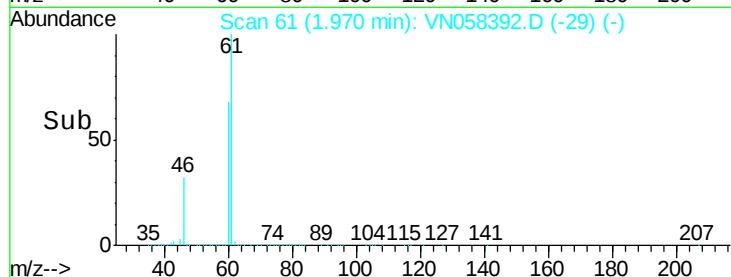
4000

2000

0

1.95 2.00

Time-->



#5

Bromomethane

Concen: 3.015 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.04 min

Lab File: VN058392.D

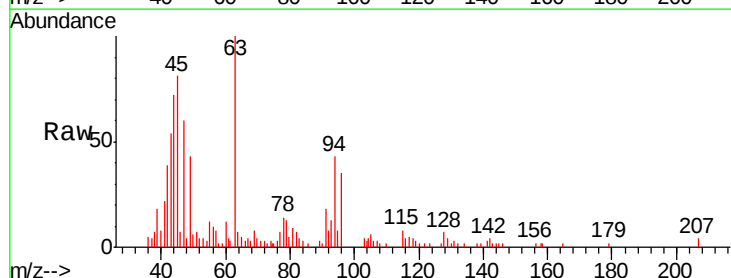
Acq: 26 Sep 2019 17:33

Tgt Ion: 94 Resp: 4913

Ion Ratio Lower Upper

94 100

96 84.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.50

4000

3000

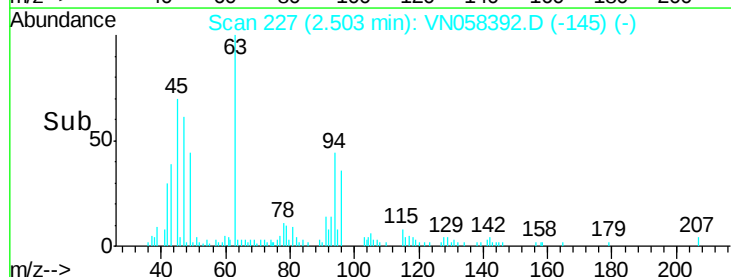
2000

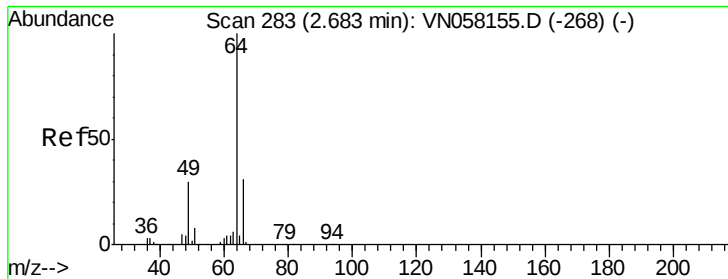
1000

0

2.45 2.50 2.55

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampled :

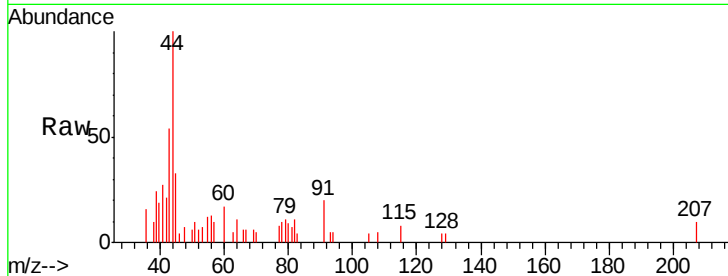
40241

Tgt Ion: 64 Resp: 173

Ion Ratio Lower Upper

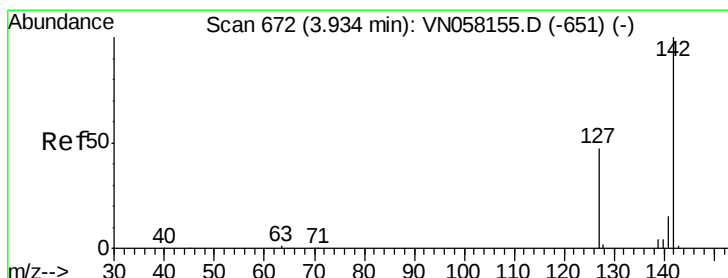
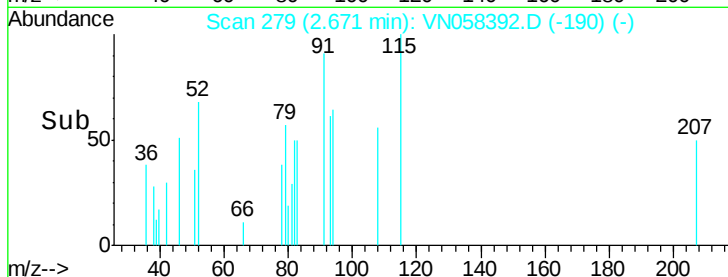
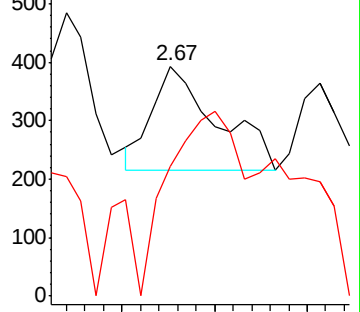
64 100

66 32.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN058155.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN058155.D (-268) (-)



#10

Methyl Iodide

Concen: 0.317 ug/l

RT: 3.91 min Scan# 666

Delta R.T. -0.02 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

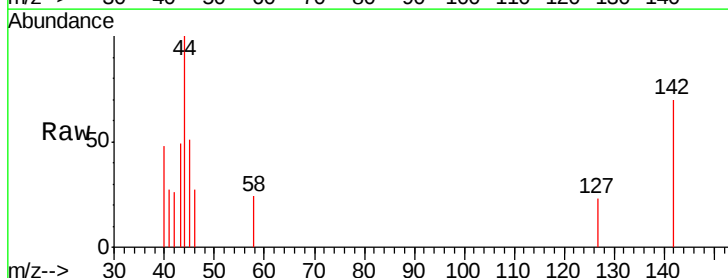
Tgt Ion: 142 Resp: 1236

Ion Ratio Lower Upper

142 100

127 12.1 37.5 56.3#

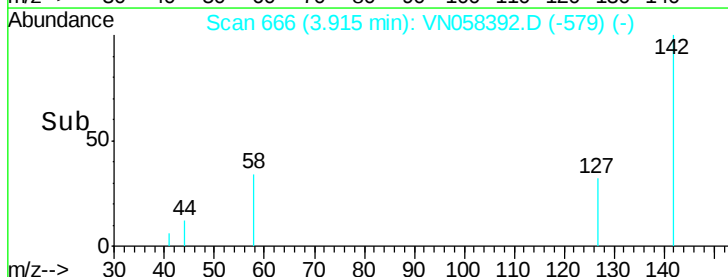
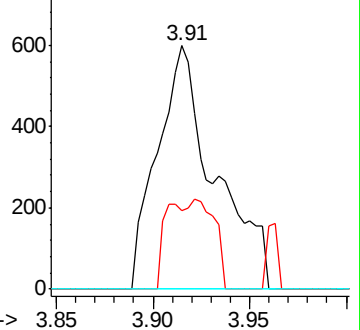
141 0.0 11.4 17.2#

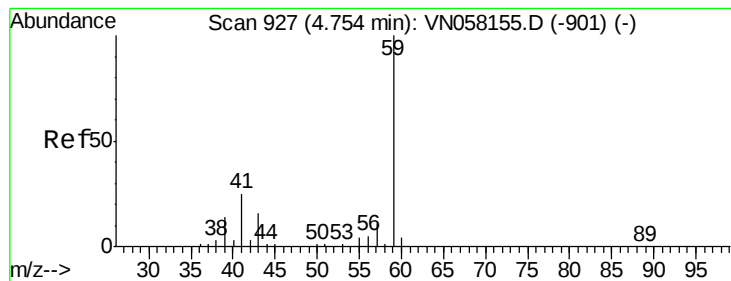


Abundance Ion 141.80 (141.50 to 142.50): VN058155.D (-651) (-)

Ion 126.80 (126.50 to 127.50): VN058155.D (-651) (-)

Ion 140.80 (140.50 to 141.50): VN058155.D (-651) (-)





#11

Tert butyl alcohol

Concen: 3.129 ug/l

RT: 4.71 min Scan# 914

Delta R.T. -0.04 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

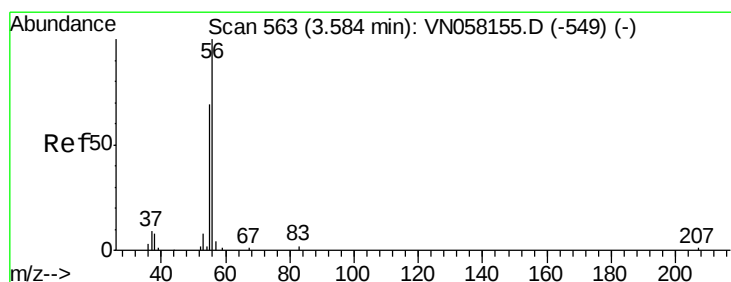
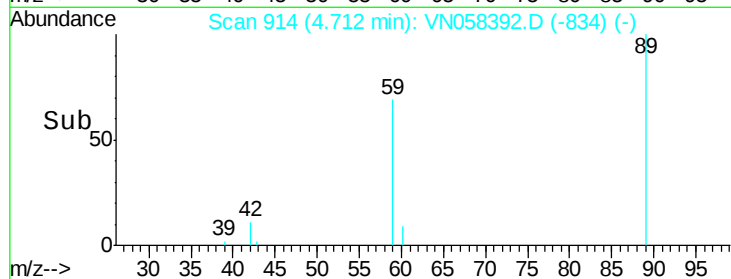
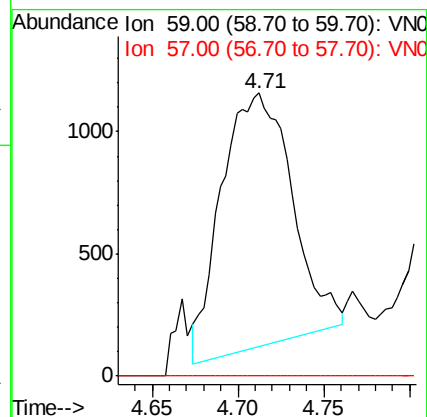
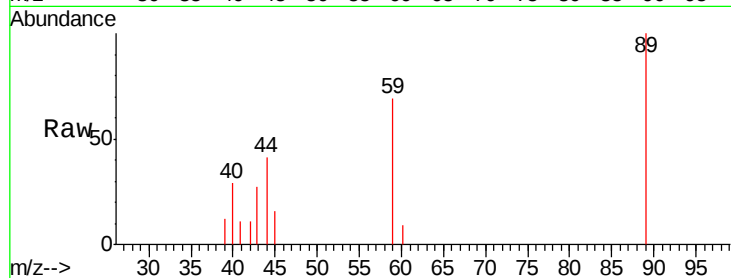
40241

Tgt Ion: 59 Resp: 2987

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 0.848 ug/l

RT: 3.55 min Scan# 553

Delta R.T. -0.03 min

Lab File: VN058392.D

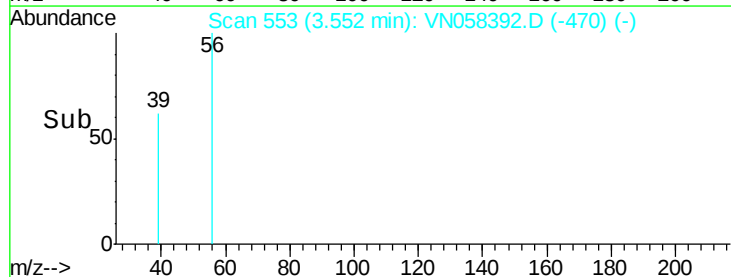
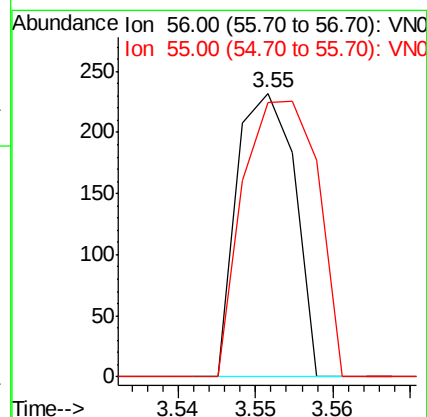
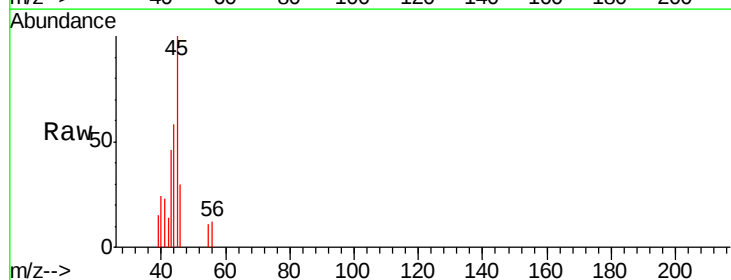
Acq: 26 Sep 2019 17:33

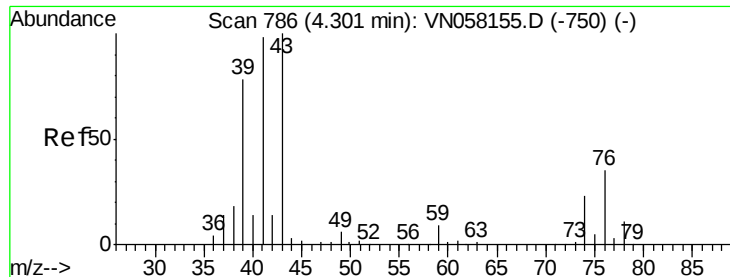
Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

55 126.7 56.1 84.1#

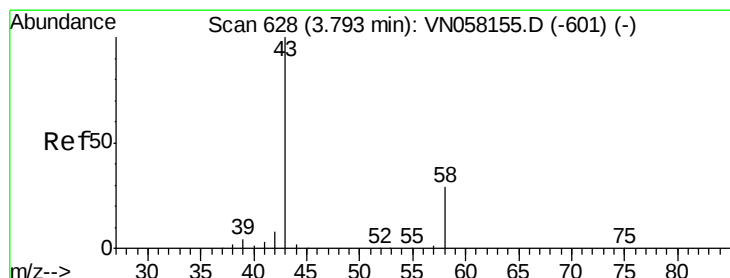
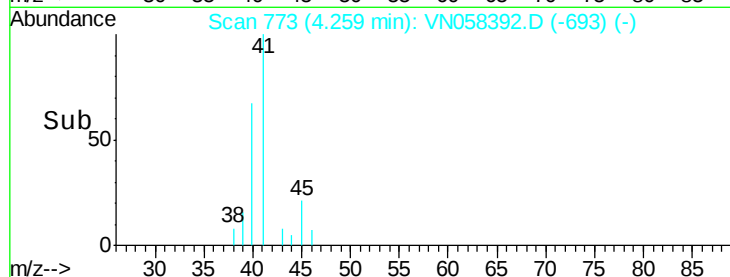
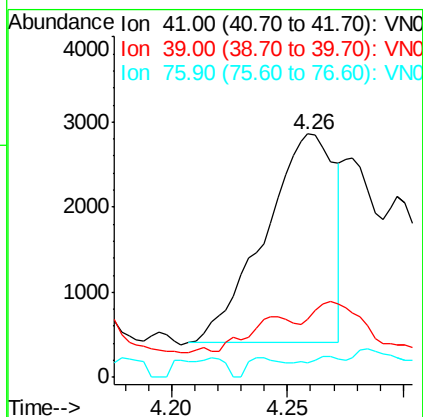
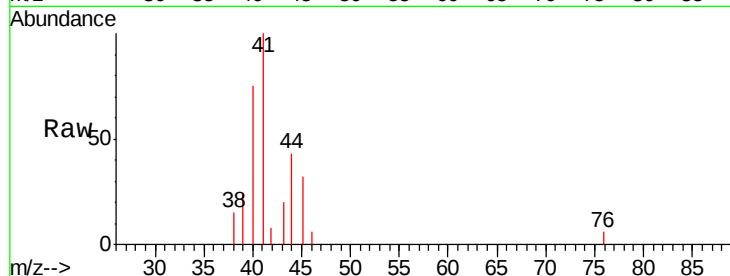




#14
 Allyl chloride
 Concen: 0.675 ug/l
 RT: 4.26 min Scan# 773
 Delta R.T. -0.04 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

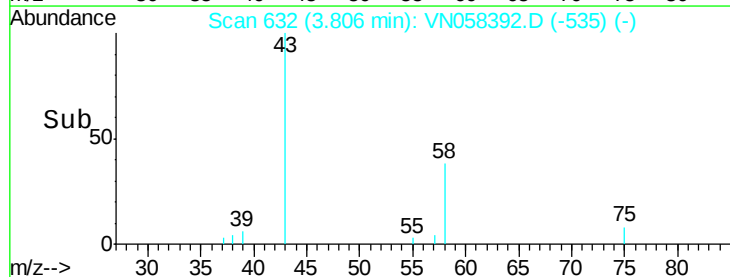
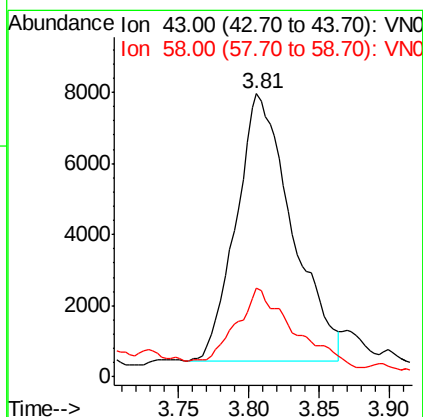
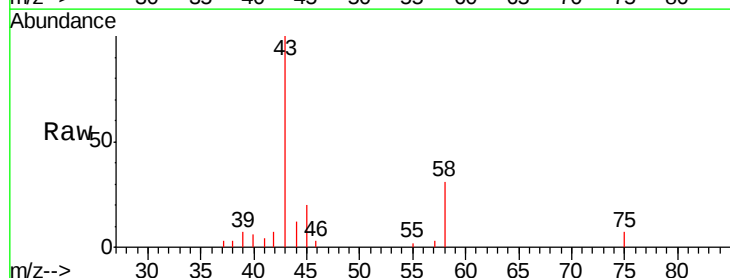
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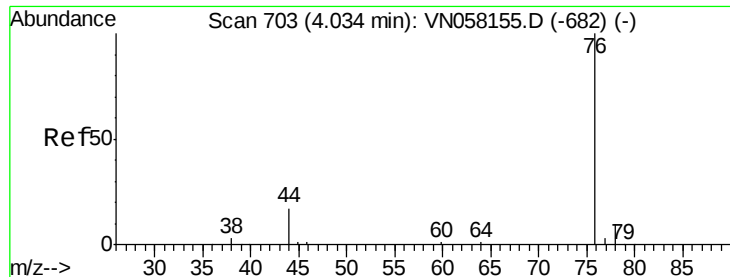
Tgt Ion: 41 Resp: 5145
 Ion Ratio Lower Upper
 41 100
 39 18.8 59.1 88.7#
 76 0.0 25.1 37.7#



#16
 Acetone
 Concen: 7.585 ug/l
 RT: 3.81 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

Tgt Ion: 43 Resp: 20660
 Ion Ratio Lower Upper
 43 100
 58 27.5 23.4 35.2

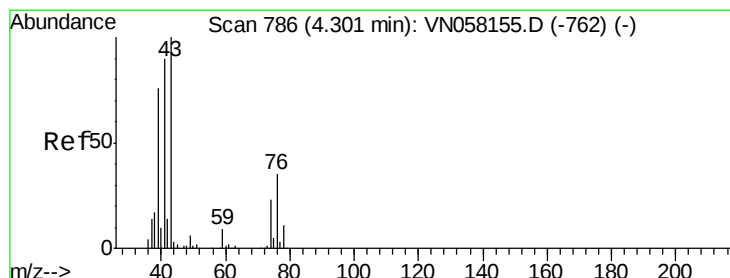
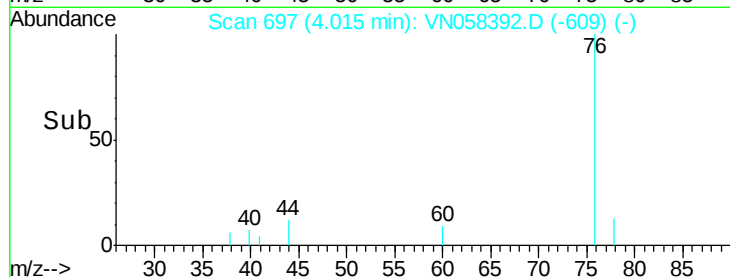
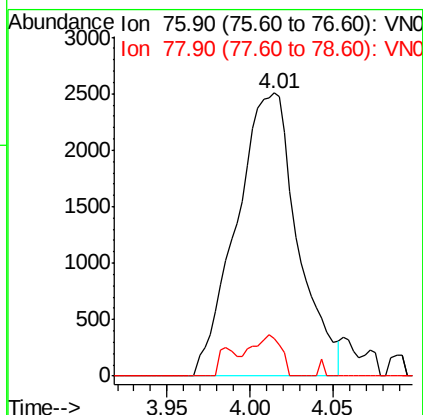
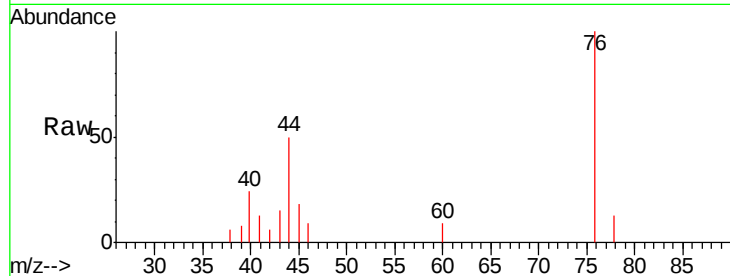




#17
Carbon Disulfide
Concen: 1.556 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.02 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

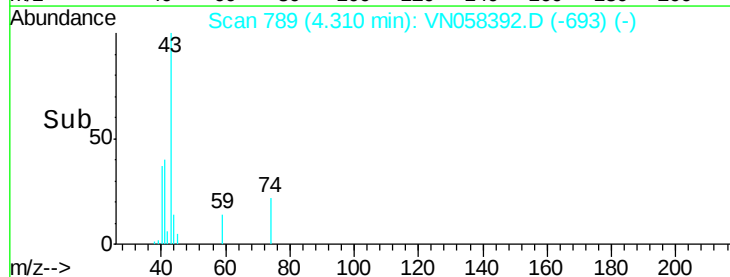
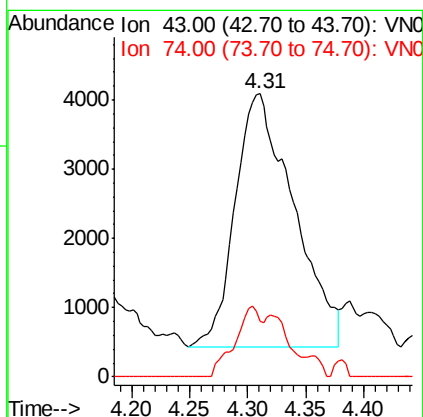
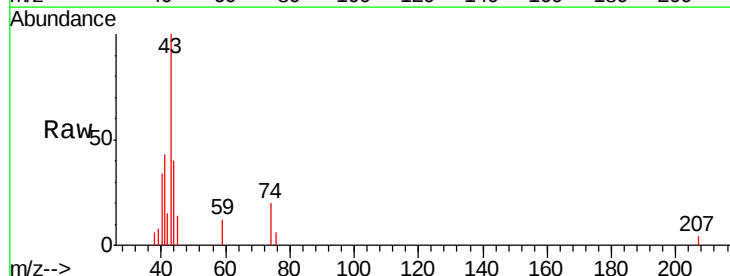
Instrument :
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ClientSampleId :
40241

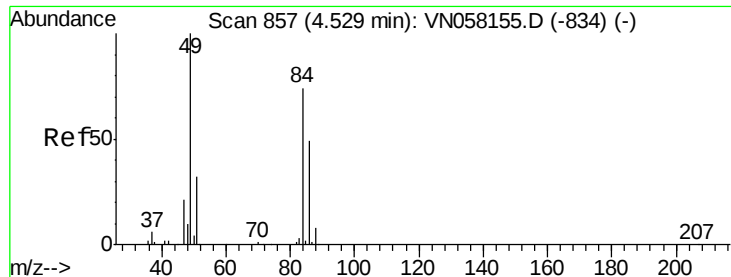
Tgt Ion: 76 Resp: 6430
Ion Ratio Lower Upper
76 100
78 13.4 7.7 11.5#



#18
Methyl Acetate
Concen: 1.791 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

Tgt Ion: 43 Resp: 12834
Ion Ratio Lower Upper
43 100
74 12.8 18.0 27.0#





#20

Methylene Chloride

Concen: 0.248 ug/l

RT: 4.52 min Scan# 853

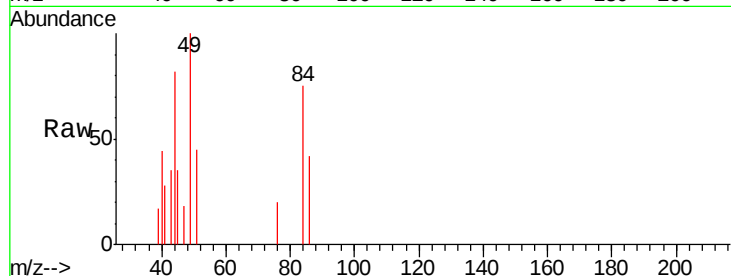
Delta R.T. -0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampled :
40241

Tgt Ion:	84	Resp:	2234
Ion	Ratio	Lower	Upper
84	100		
49	94.6	107.5	161.3#
51	38.9	33.9	50.9
86	56.0	52.4	78.6

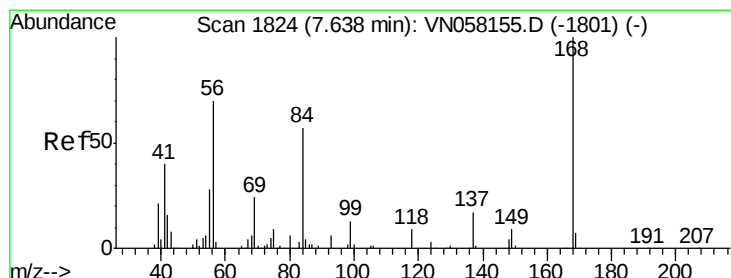
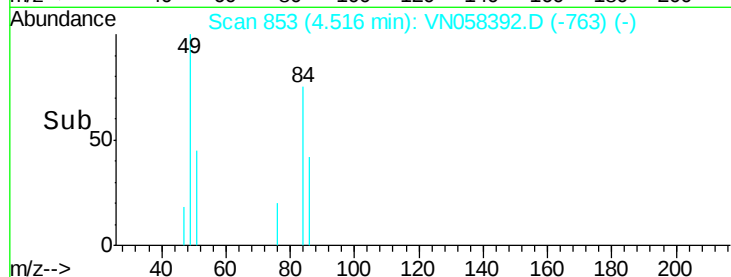
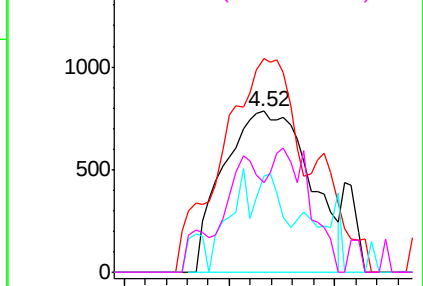


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#31

Cyclohexane

Concen: Below Cal

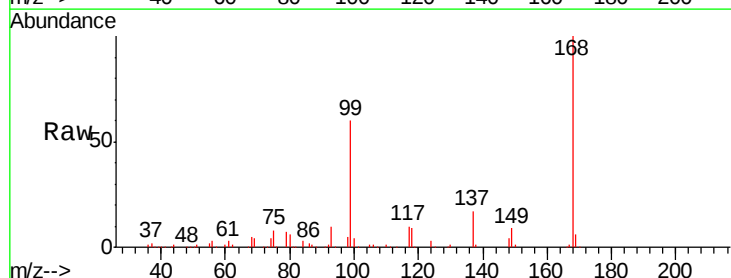
RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

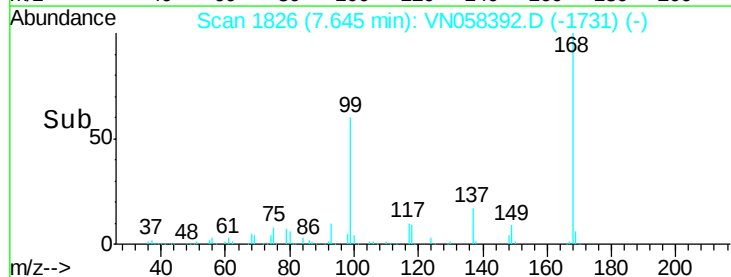
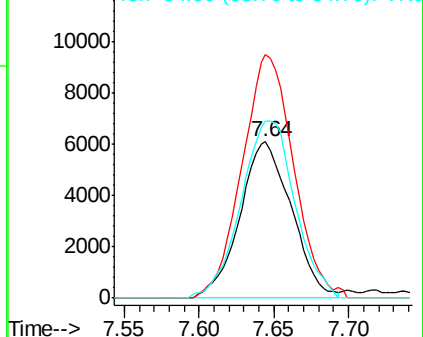
Tgt Ion:	56	Resp:	14604
Ion	Ratio	Lower	Upper
56	100		
69	156.0	27.3	40.9#
84	113.5	65.0	97.4#

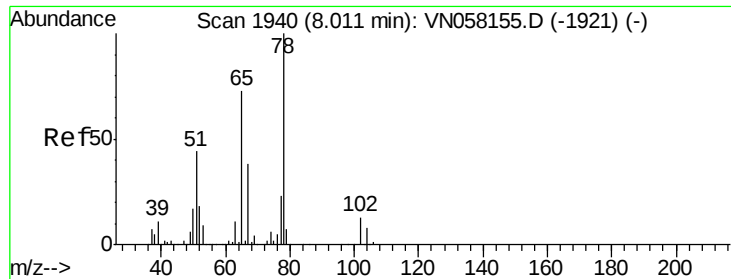


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

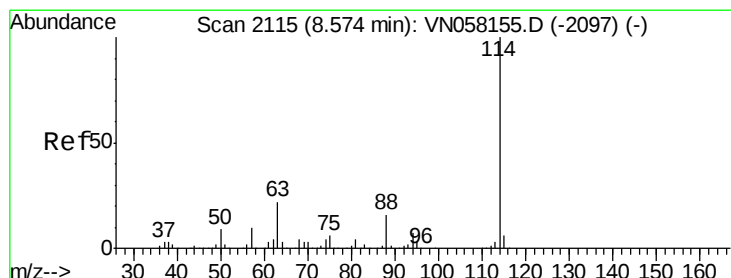
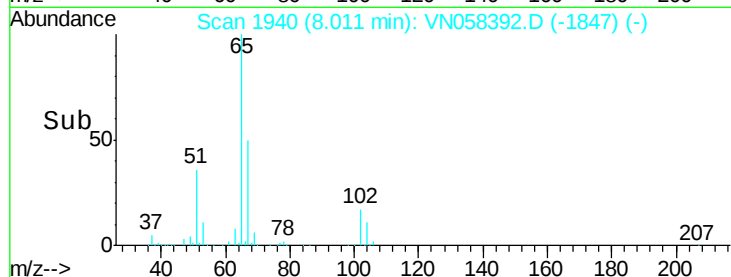
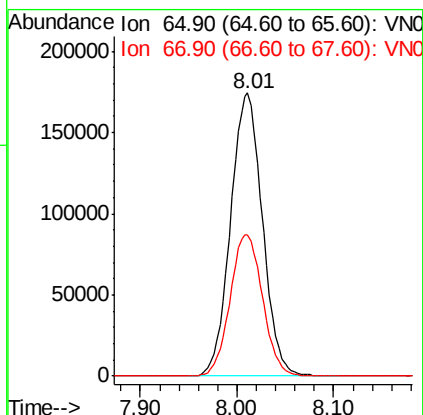
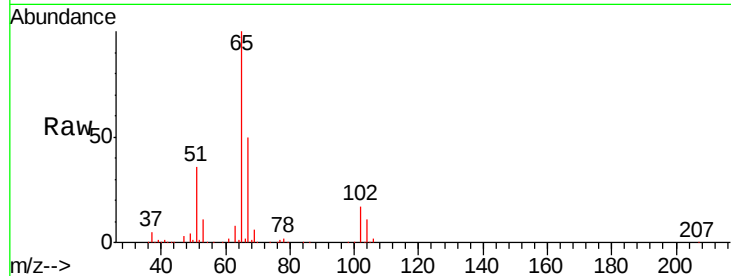




#33
 1,2-Dichloroethane-d4
 Concen: 49.676 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

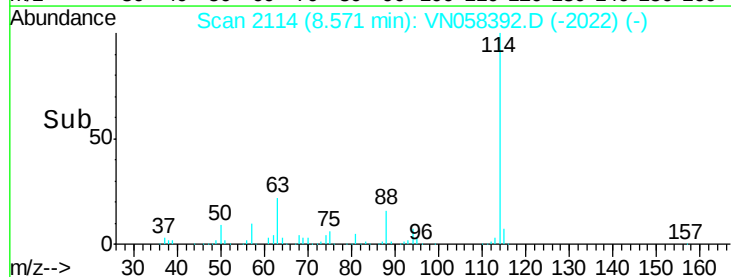
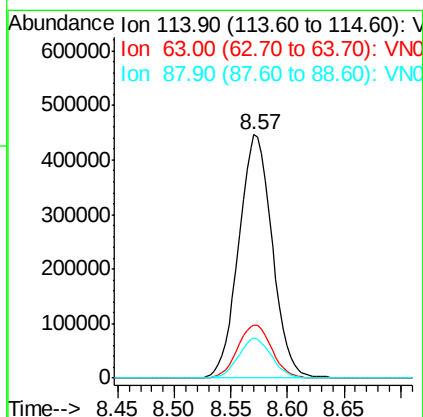
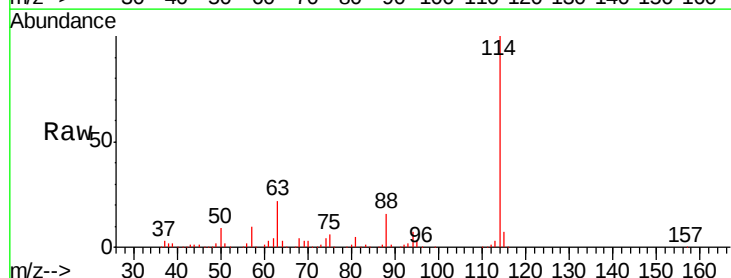
Instrument :
 MSVOA_N
 ClientSampleId :
 40241

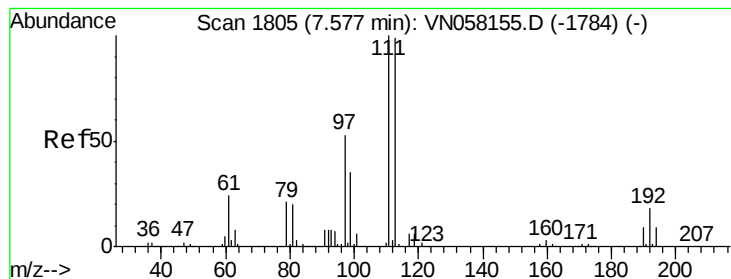
Tgt Ion: 65 Resp: 398634
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

Tgt Ion: 114 Resp: 922739
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.489 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

40241

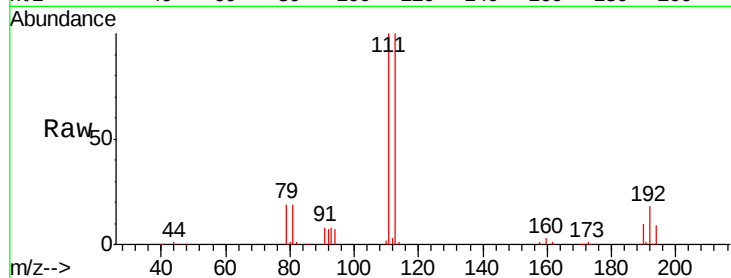
Tgt Ion: 113 Resp: 266391

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

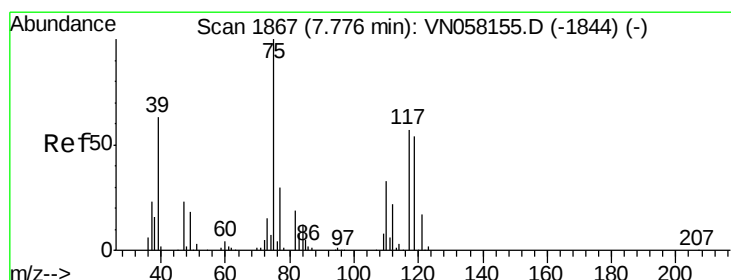
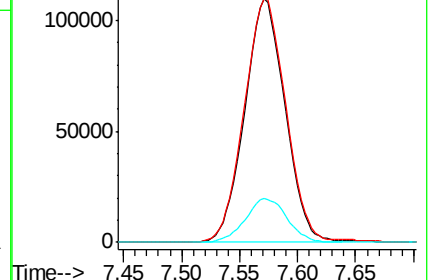
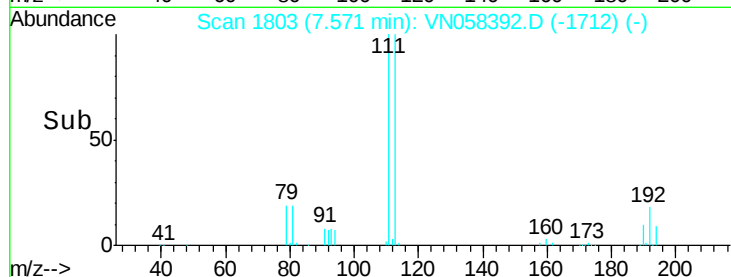
192 18.5 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 7.278 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

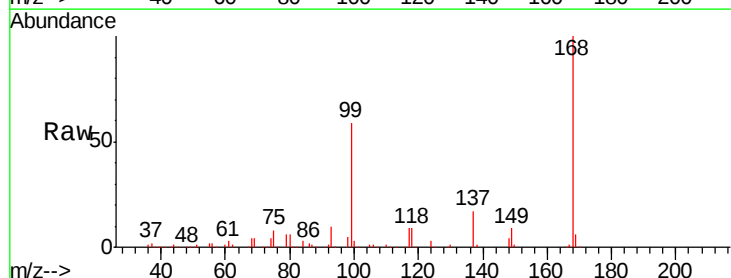
Tgt Ion: 75 Resp: 48429

Ion Ratio Lower Upper

75 100

110 2.9 16.6 49.7#

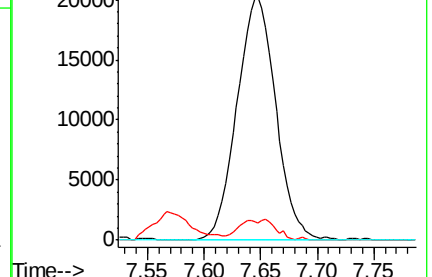
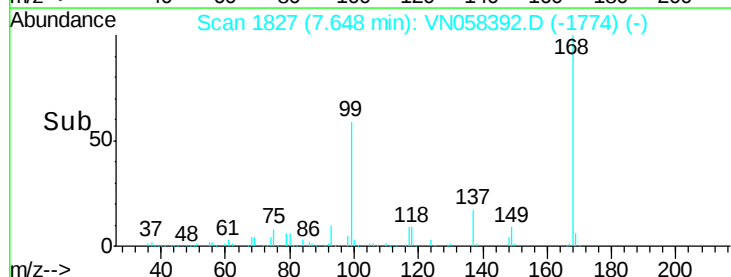
77 0.0 24.3 36.5#

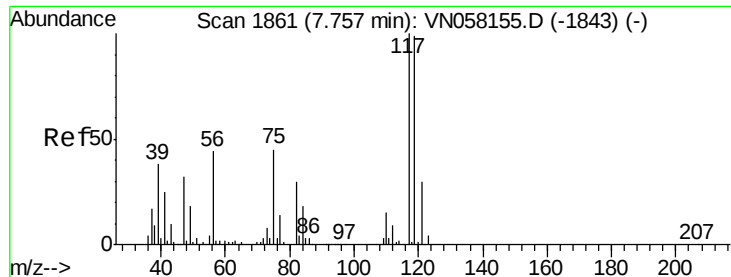


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

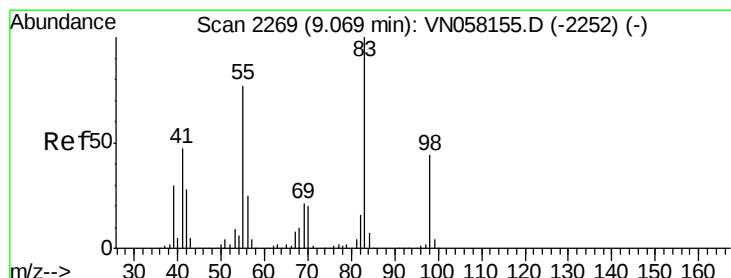
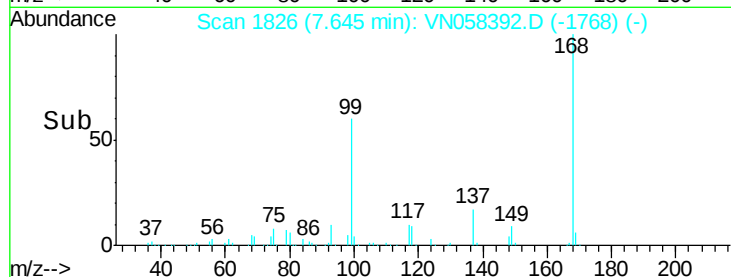
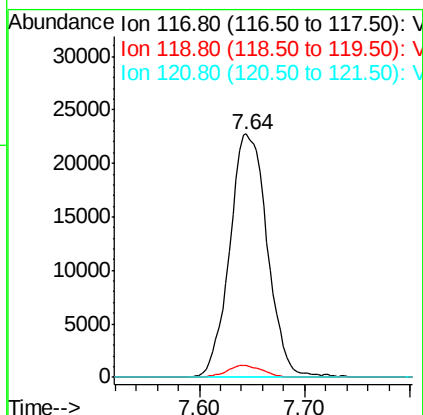
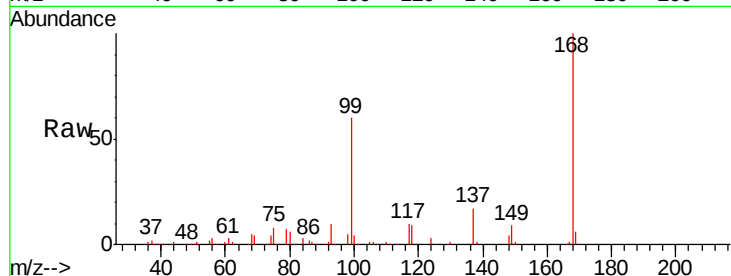




#38
Carbon Tetrachloride
Concen: 8.413 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

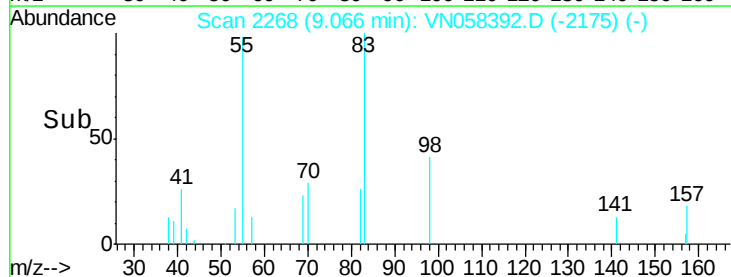
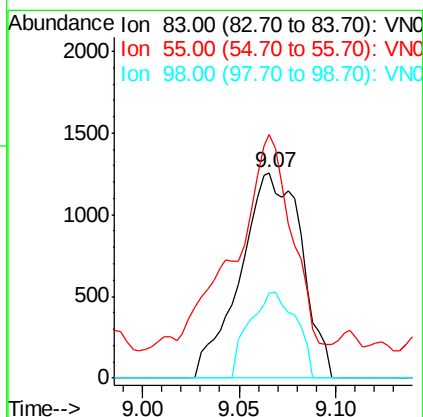
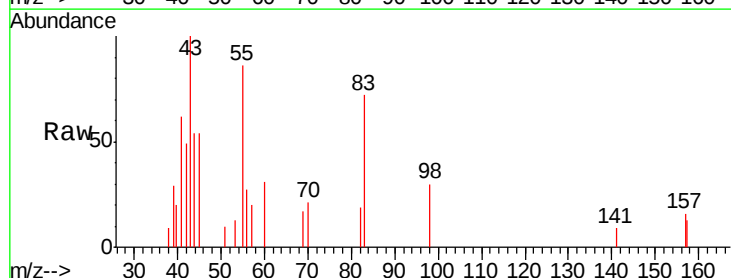
Instrument :
MSVOA_N
ClientSampled :
40241

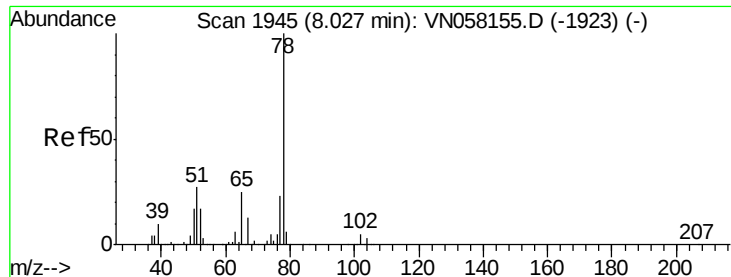
Tgt Ion:117 Resp: 56276
Ion Ratio Lower Upper
117 100
119 4.8 78.6 117.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.499 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

Tgt Ion: 83 Resp: 2760
Ion Ratio Lower Upper
83 100
55 100.2 61.9 92.9#
98 41.5 35.4 53.2





#40

Benzene

Concen: 0.650 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

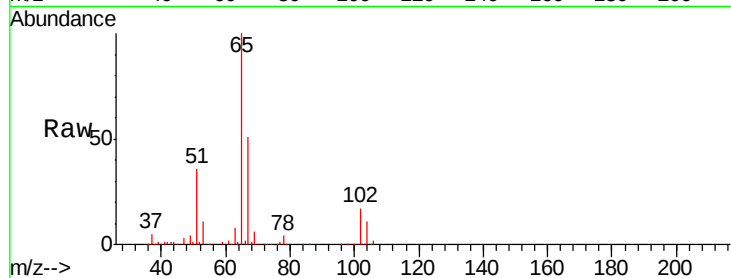
40241

Tgt Ion: 78 Resp: 13211

Ion Ratio Lower Upper

78 100

77 25.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.02

6000

5000

4000

3000

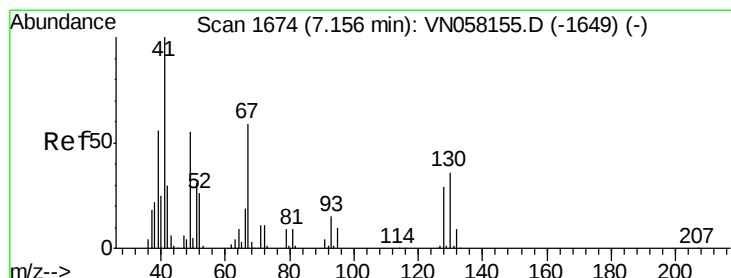
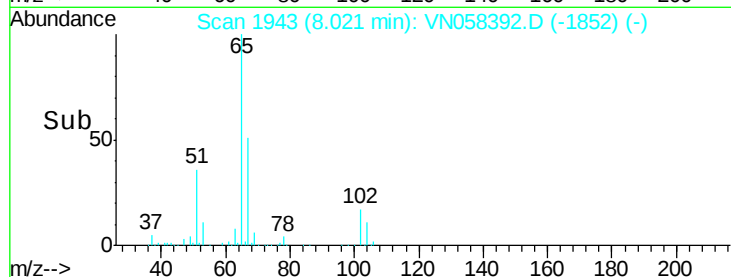
2000

1000

0

7.95 8.00 8.05 8.10

Time-->



#41

Methacrylonitrile

Concen: 0.985 ug/l

RT: 7.13 min Scan# 1666

Delta R.T. -0.02 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Tgt Ion: 41 Resp: 261

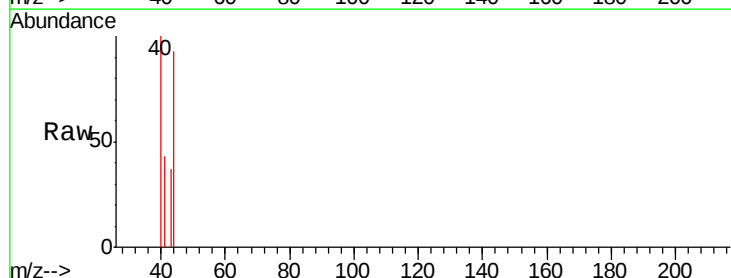
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

400

300

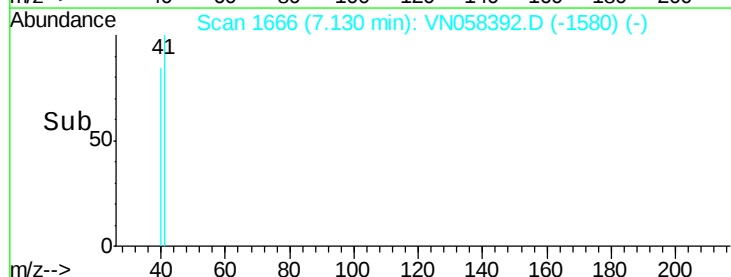
200

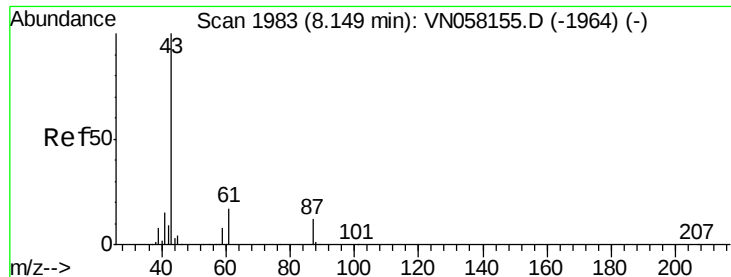
100

0

7.12 7.13 7.14

Time-->





#43

Isopropyl Acetate

Concen: 2.515 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

40241

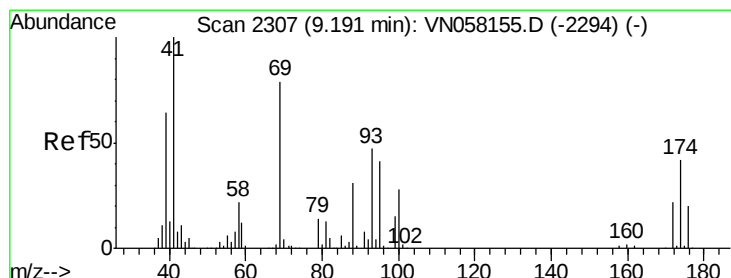
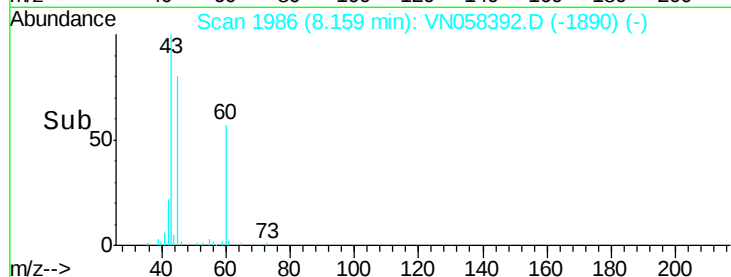
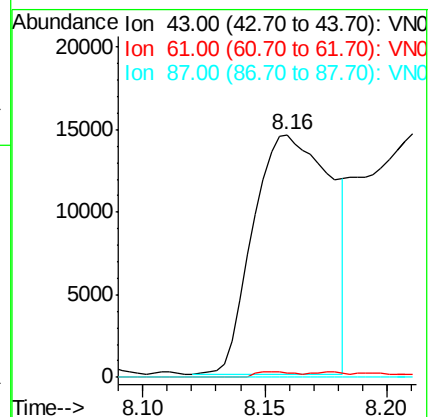
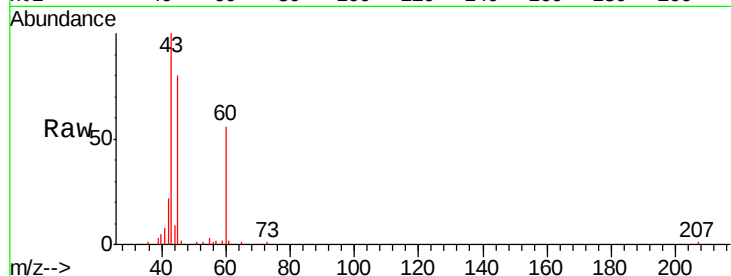
Tgt Ion: 43 Resp: 32441

Ion Ratio Lower Upper

43 100

61 1.1 19.7 29.5#

87 0.0 9.4 14.2#



#48

Methyl methacrylate

Concen: 0.218 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.01 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

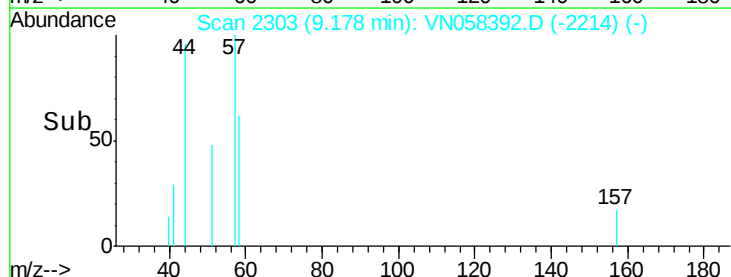
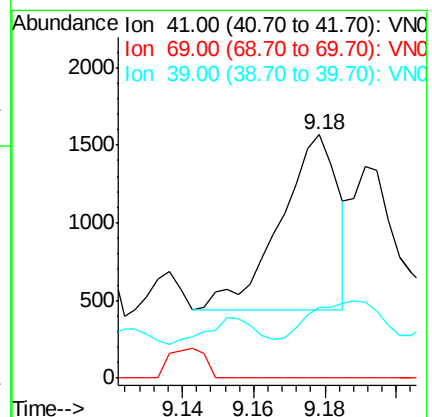
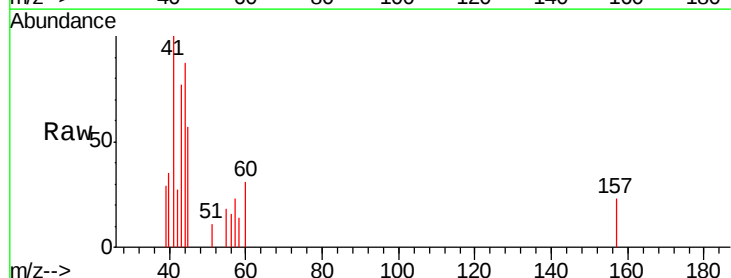
Tgt Ion: 41 Resp: 1278

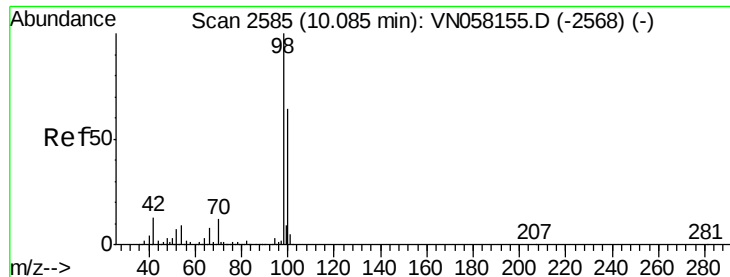
Ion Ratio Lower Upper

41 100

69 0.0 62.5 93.7#

39 25.4 52.3 78.5#





#50

Toluene-d8

Concen: 51.517 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampled :

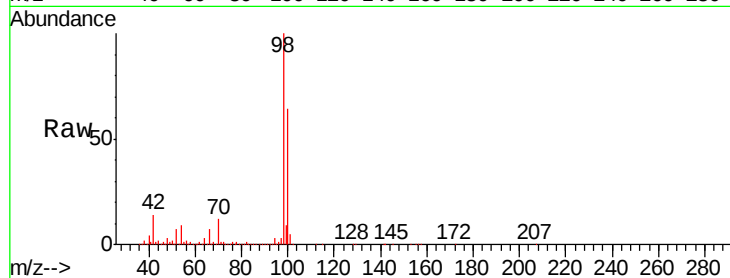
40241

Tgt Ion: 98 Resp: 1125945

Ion Ratio Lower Upper

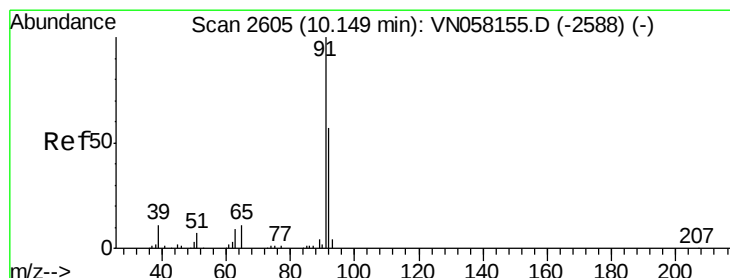
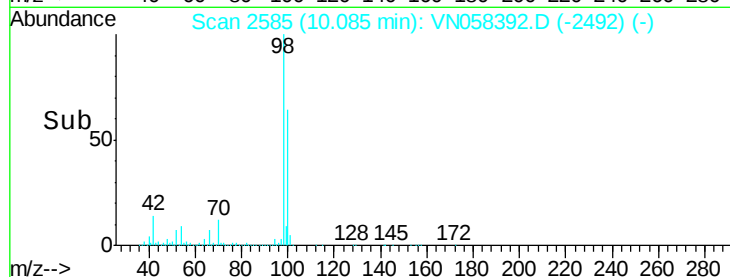
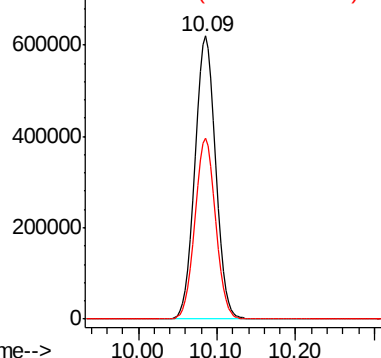
98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 14.299 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058392.D

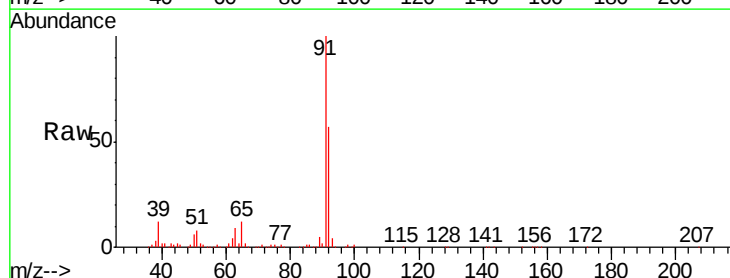
Acq: 26 Sep 2019 17:33

Tgt Ion: 92 Resp: 182139

Ion Ratio Lower Upper

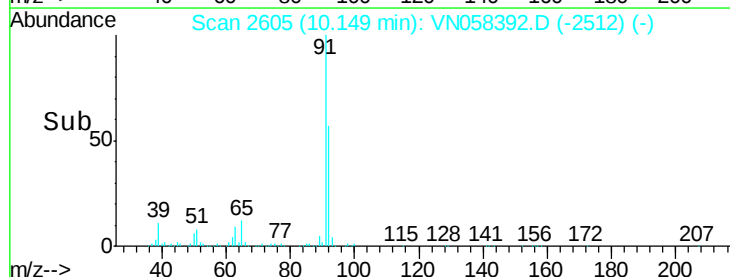
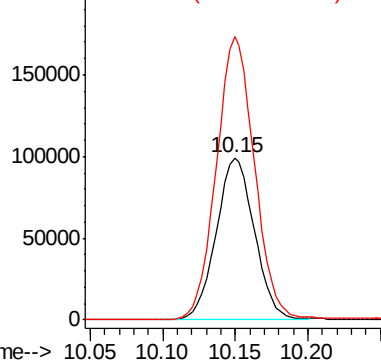
92 100

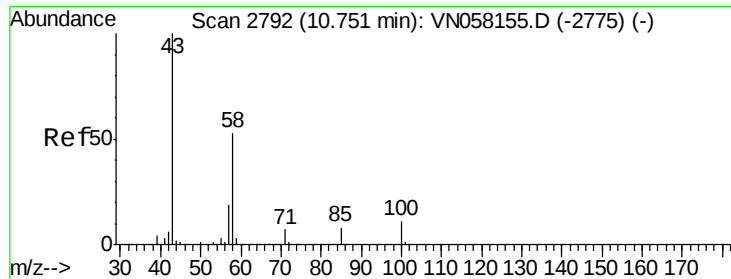
91 174.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

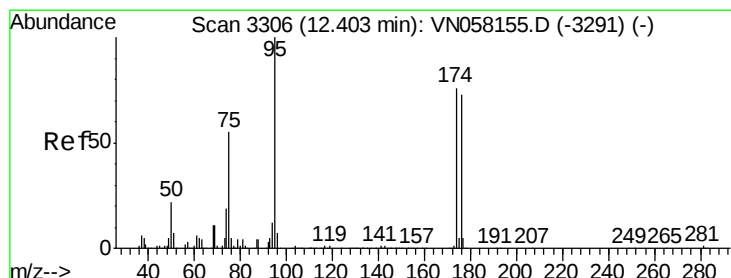
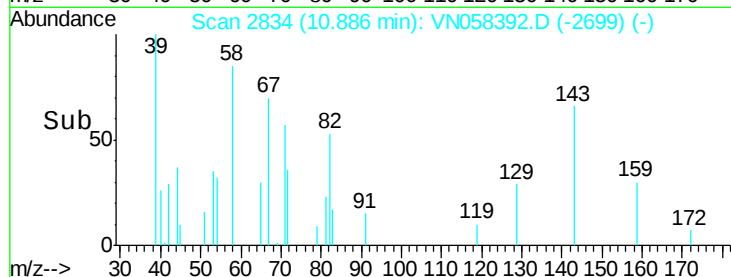
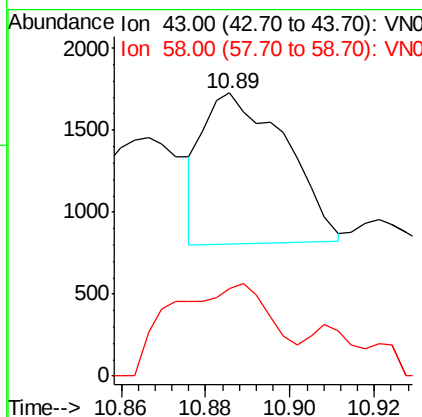
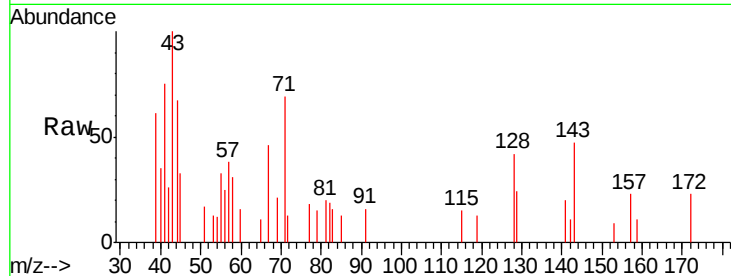




#59
2-Hexanone
Concen: 0.247 ug/l
RT: 10.89 min Scan# 2834
Delta R.T. 0.14 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

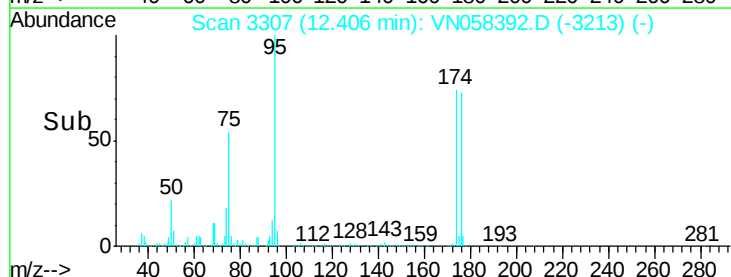
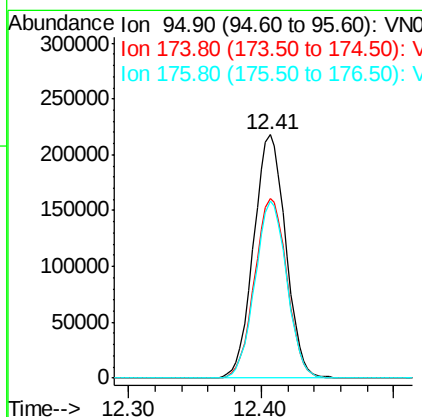
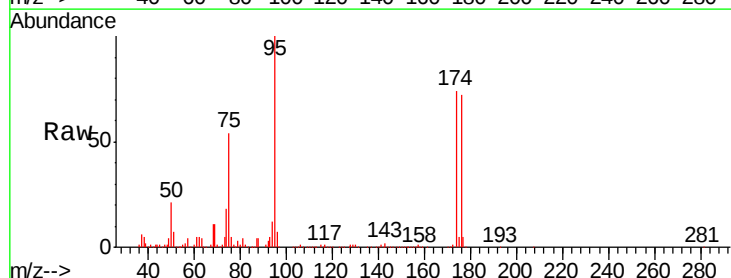
Instrument :
MSVOA_N
ClientSampled :
40241

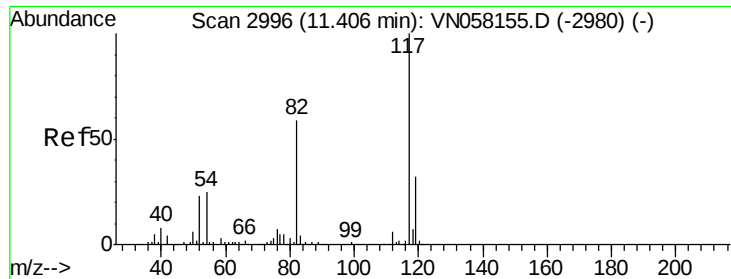
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 75.6 26.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.001 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

Tgt Ion: 95 Resp: 365343
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.2
176 72.4 0.0 148.0

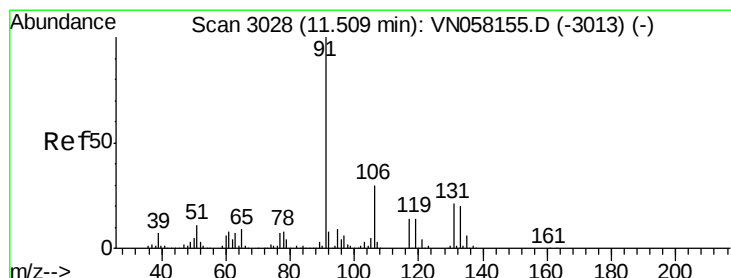
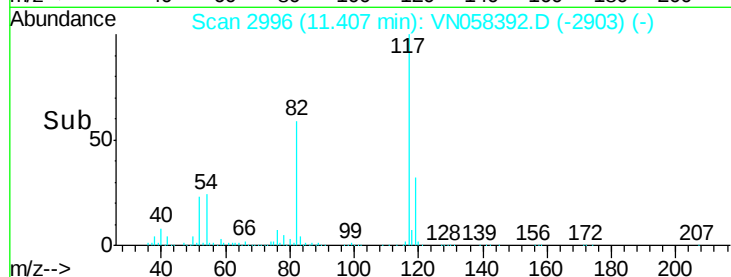
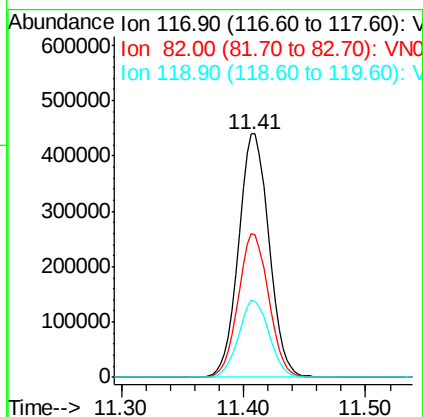
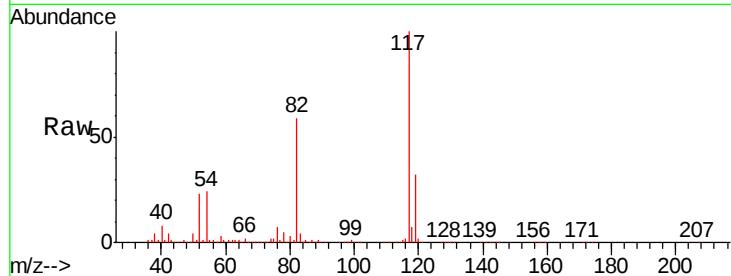




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

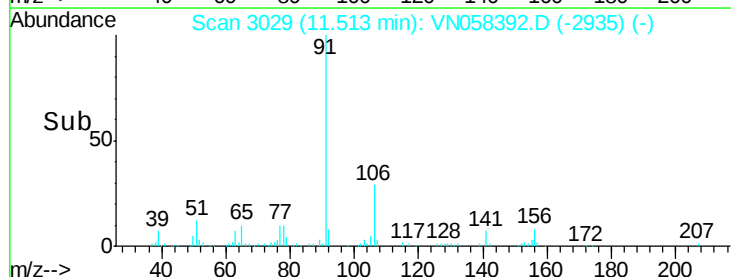
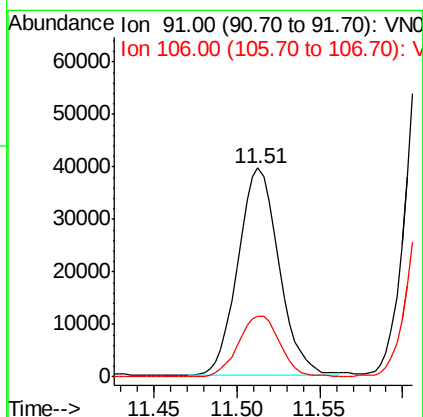
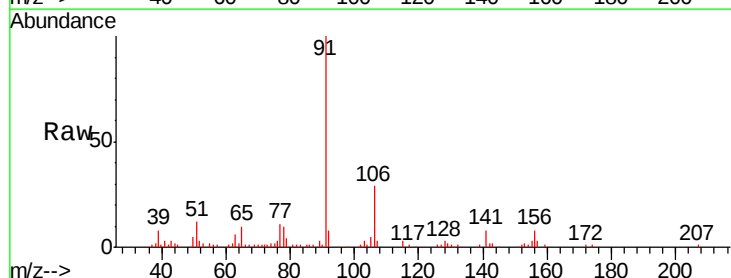
Instrument :
MSVOA_N
ClientSampled :
40241

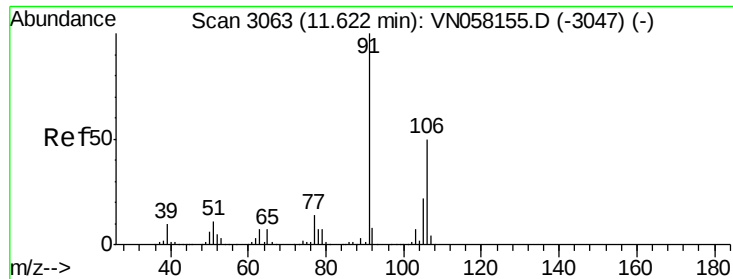
Tgt Ion: 117 Resp: 758567
Ion Ratio Lower Upper
117 100
82 59.3 46.9 70.3
119 31.7 25.3 37.9



#67
Ethyl Benzene
Concen: 2.974 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

Tgt Ion: 91 Resp: 67984
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0

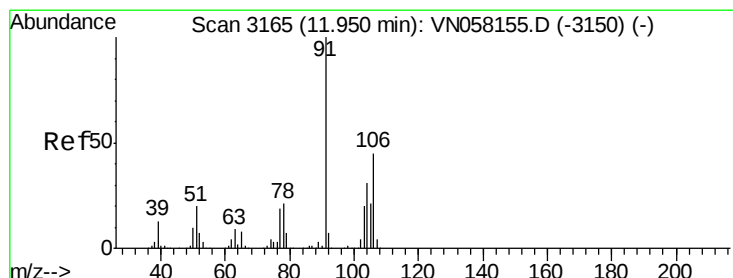
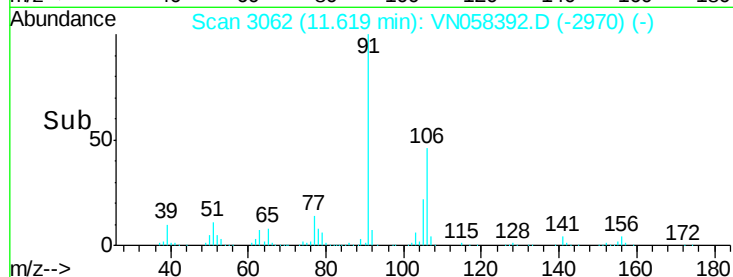
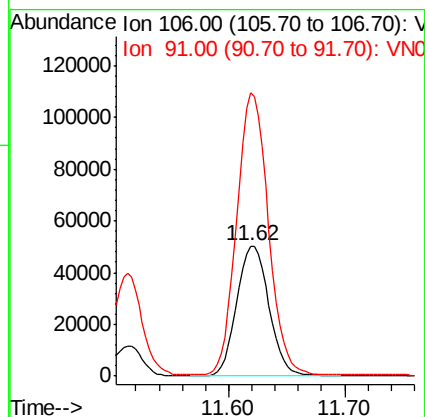
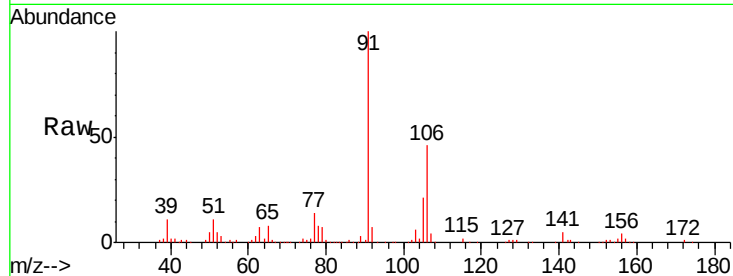




#68
m/p-Xylenes
Concen: 11.379 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

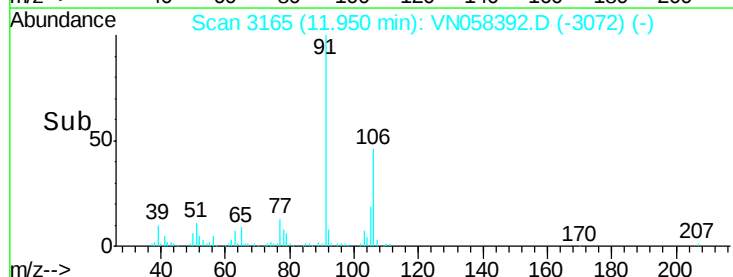
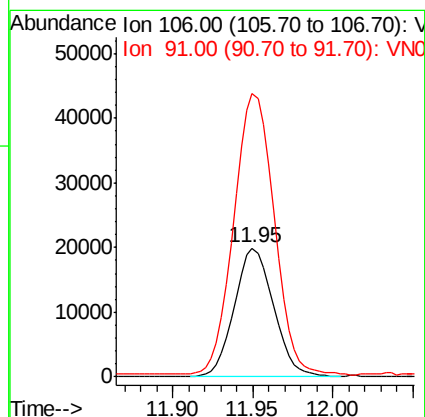
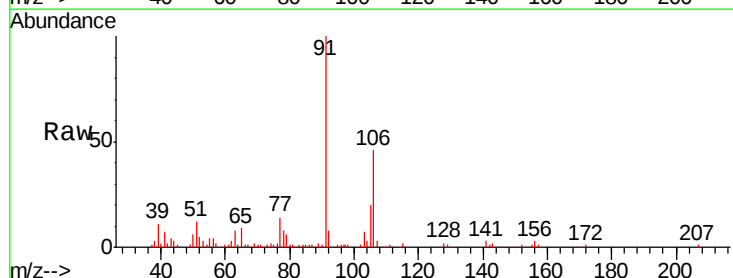
Instrument :
MSVOA_N
ClientSampled :
40241

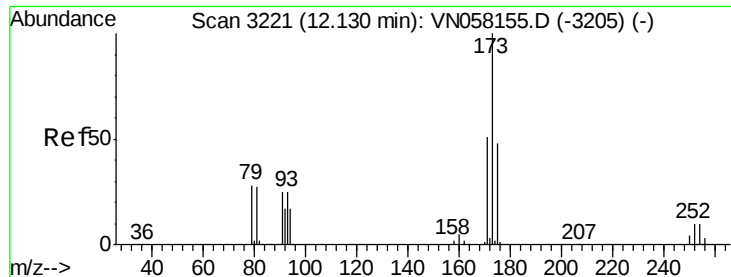
Tgt Ion:106 Resp: 97985
Ion Ratio Lower Upper
106 100
91 209.9 163.6 245.4



#69
o-Xylene
Concen: 3.931 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058392.D
Acq: 26 Sep 2019 17:33

Tgt Ion:106 Resp: 33280
Ion Ratio Lower Upper
106 100
91 224.4 111.8 335.3





#71

Bromoform

Concen: 3.638 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. -0.02 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampled :

40241

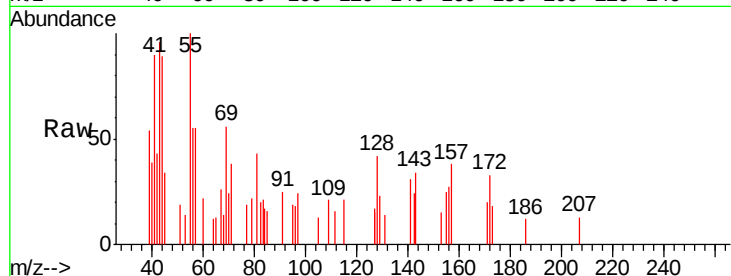
Tgt Ion:173 Resp: 164

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

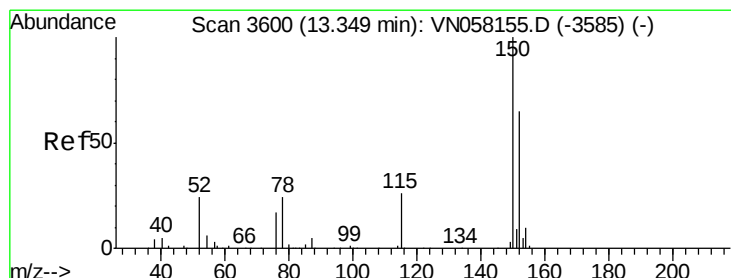
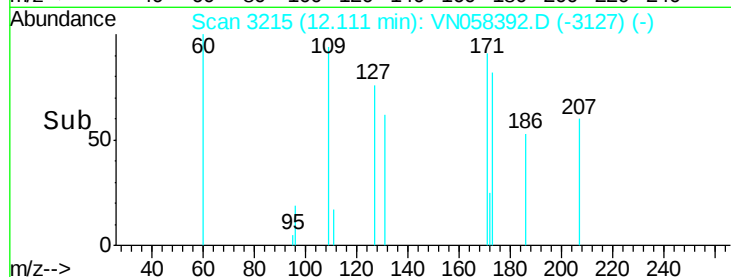
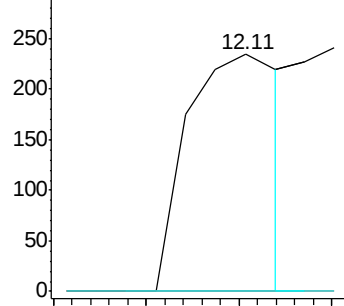
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

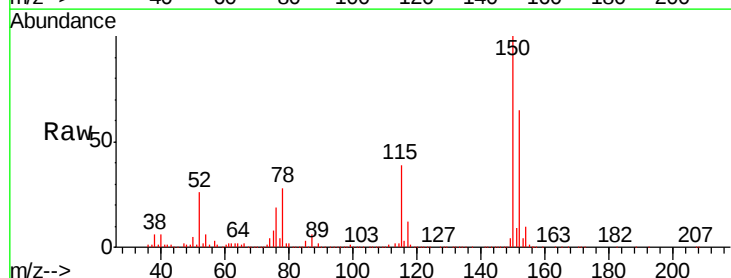
Tgt Ion:152 Resp: 323347

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

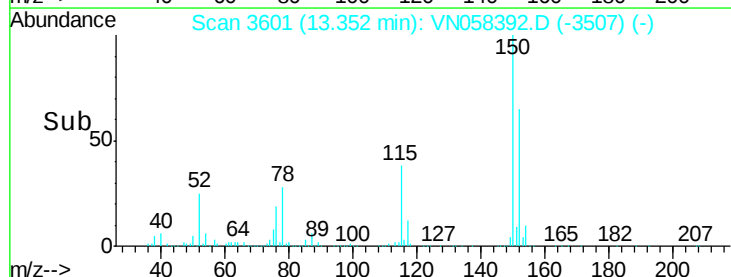
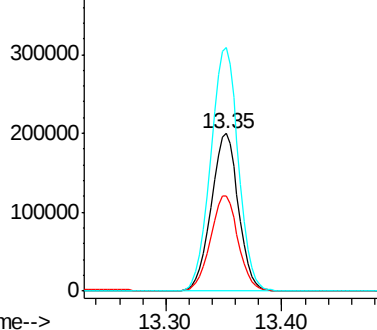
150 157.7 0.0 346.4

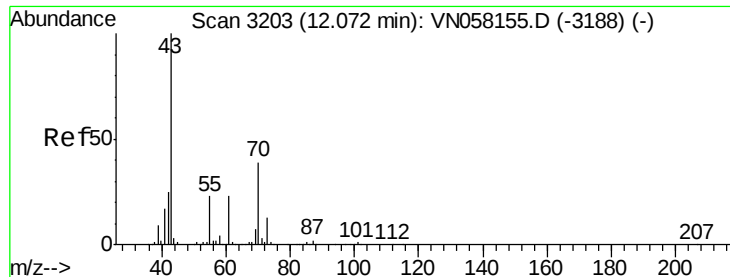


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 16.318 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. -0.25 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

40241

Tgt Ion: 43 Resp: 138168

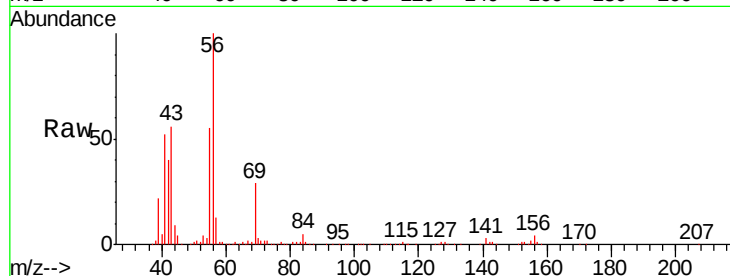
Ion Ratio Lower Upper

43 100

70 5.4 31.0 46.6#

55 97.4 18.5 27.7#

61 0.1 18.2 27.2#

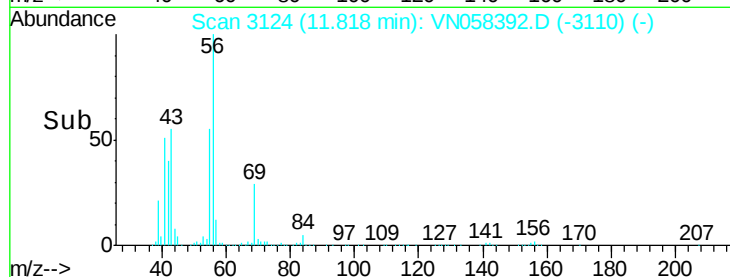


Abundance Ion 43.00 (42.70 to 43.70): VN0

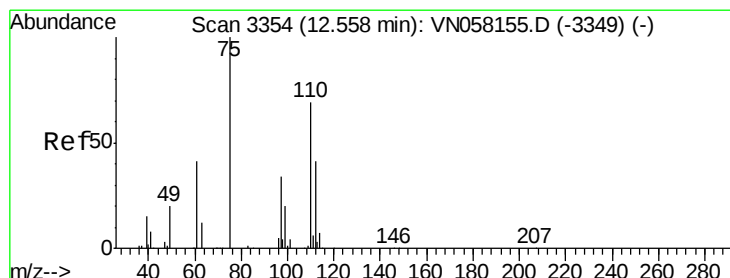
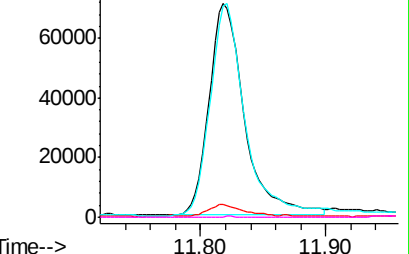
Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 34.153 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058392.D

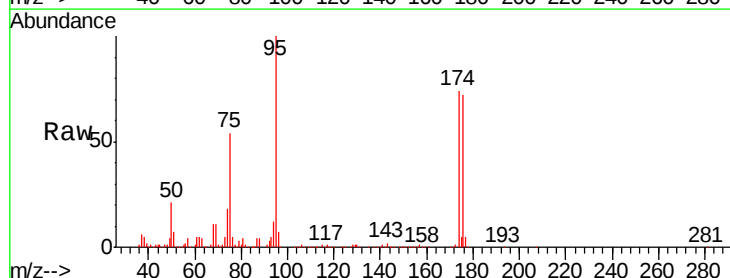
Acq: 26 Sep 2019 17:33

Tgt Ion: 75 Resp: 197640

Ion Ratio Lower Upper

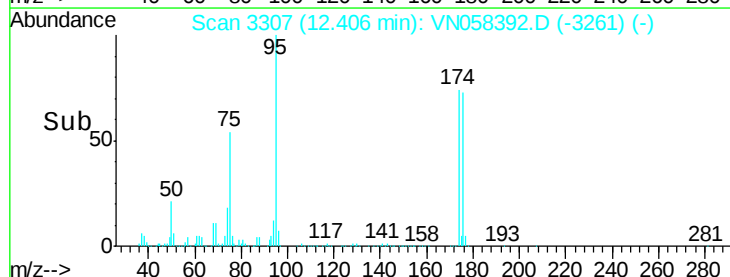
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

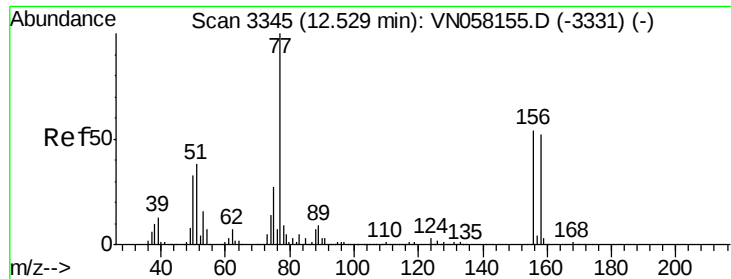
Ion 77.00 (76.70 to 77.70): VN0



Time-->

Time-->

Time-->



#77

Bromobenzene

Concen: 0.849 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.07 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

40241

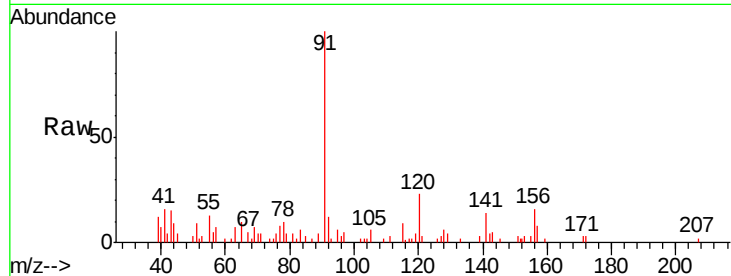
Tgt Ion:156 Resp: 4321

Ion Ratio Lower Upper

156 100

77 18.1 111.7 335.1#

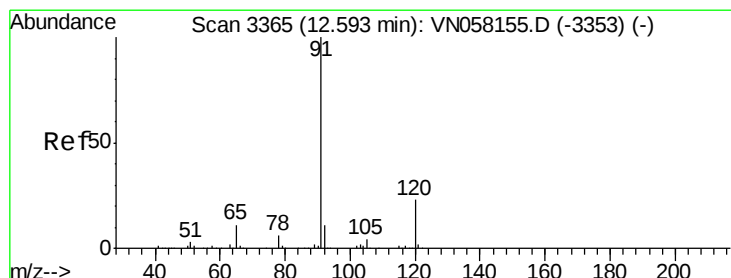
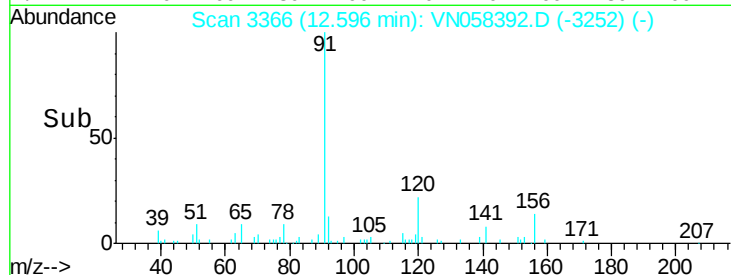
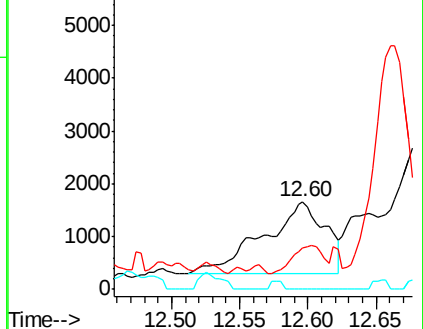
158 0.0 47.9 143.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.719 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058392.D

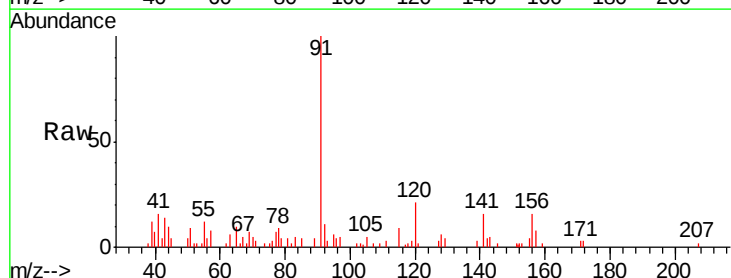
Acq: 26 Sep 2019 17:33

Tgt Ion: 91 Resp: 16534

Ion Ratio Lower Upper

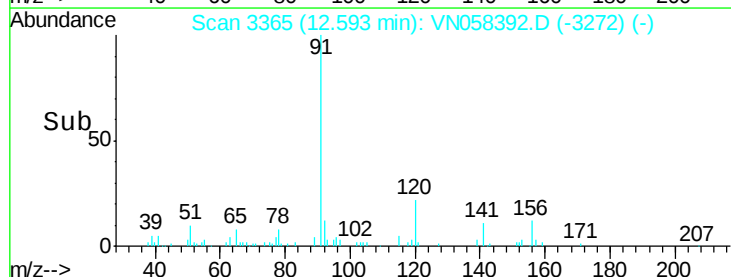
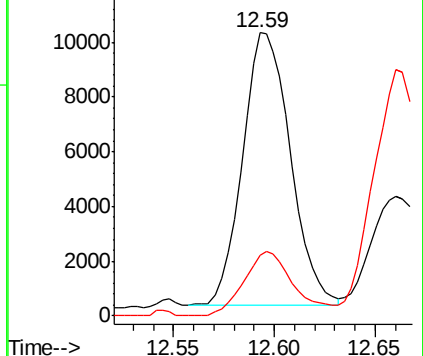
91 100

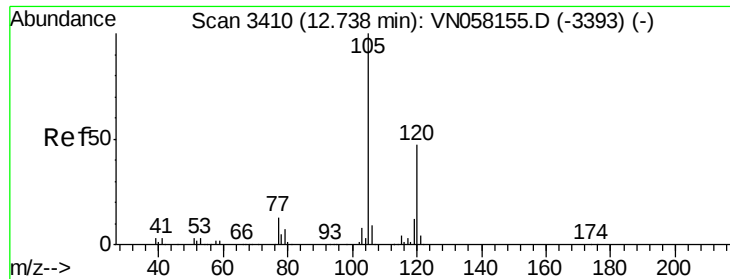
120 25.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V

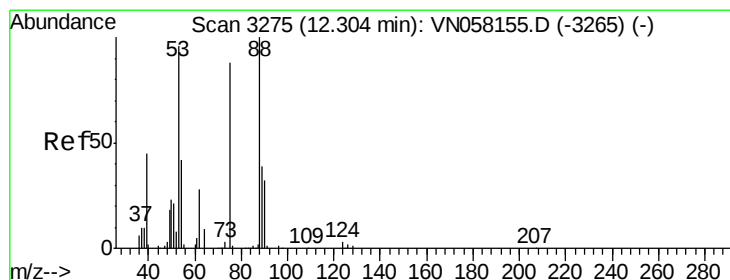
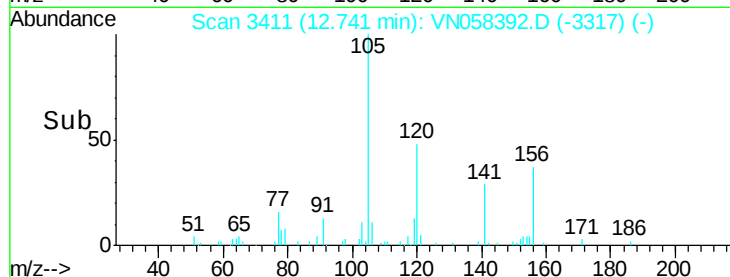
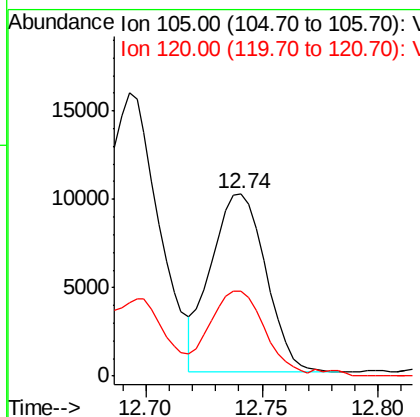
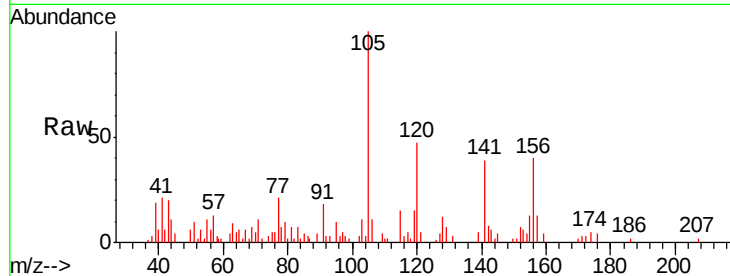




#80
 1,3,5-Trimethylbenzene
 Concen: 0.966 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

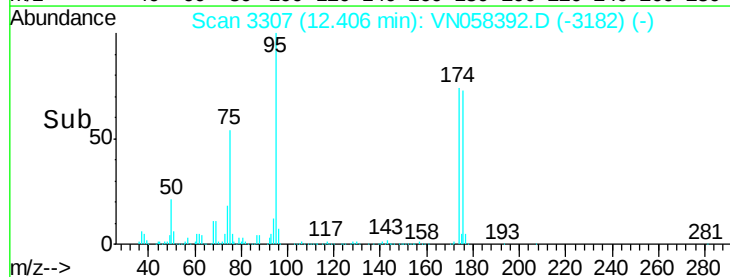
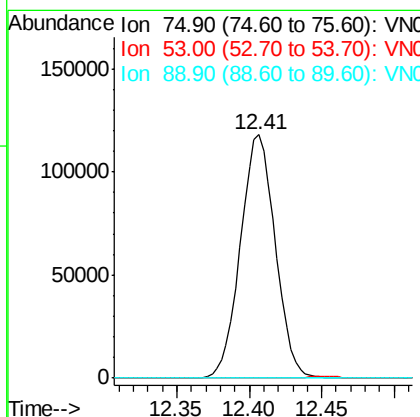
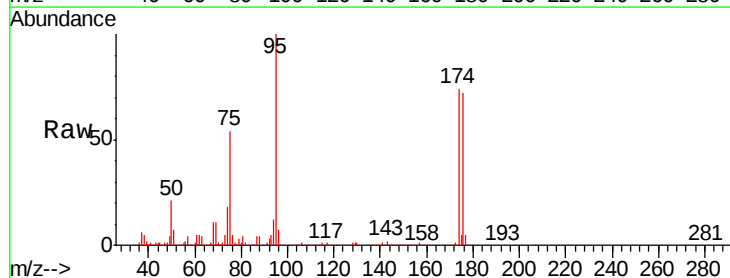
Instrument :
 MSVOA_N
 ClientSampleId :
 40241

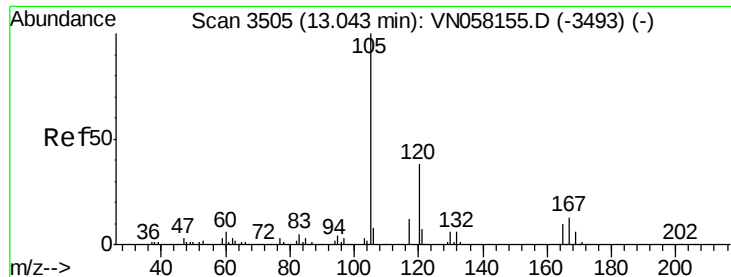
Tgt Ion: 105 Resp: 16541
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.678 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

Tgt Ion: 75 Resp: 197640
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.1 135.1#
 89 0.0 36.2 54.2#

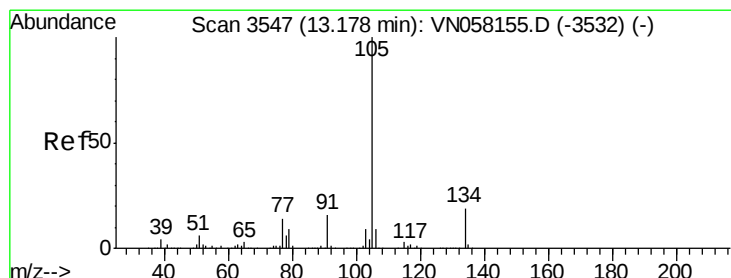
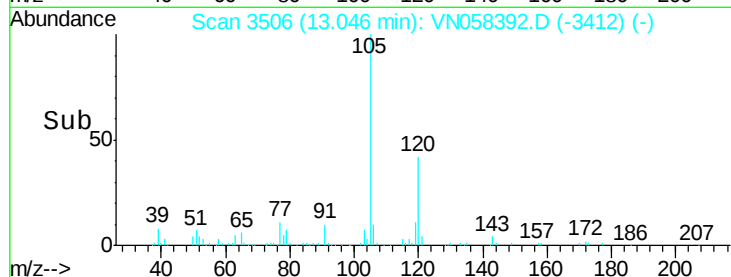
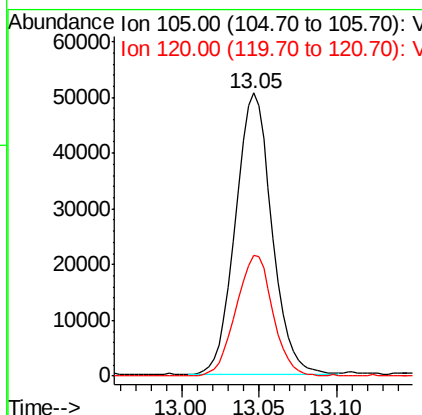
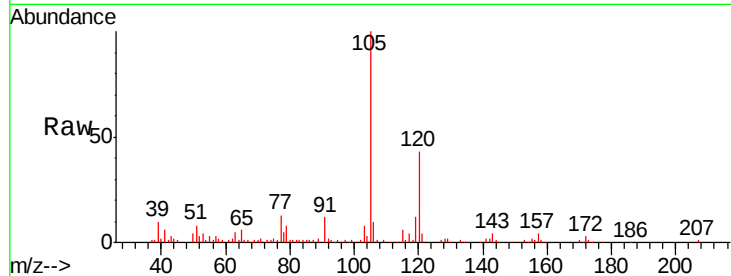




#84
 1,2,4-Trimethylbenzene
 Concen: 4.832 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

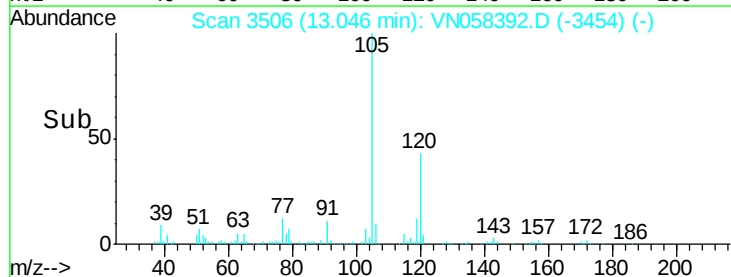
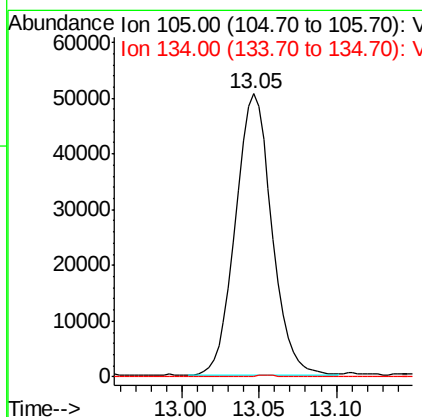
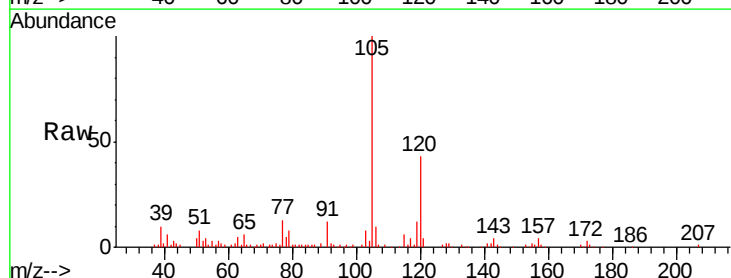
Instrument :
 MSVOA_N
 ClientSampleId :
 40241

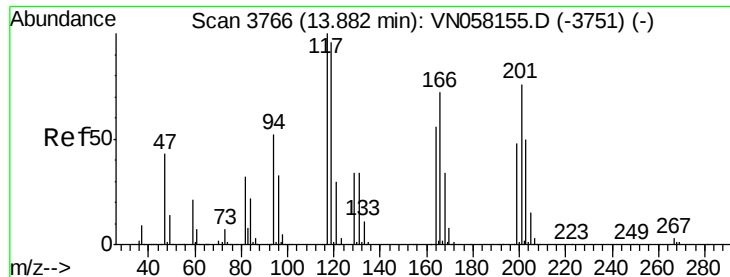
Tgt Ion:105 Resp: 82303
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 4.124 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.13 min
 Lab File: VN058392.D
 Acq: 26 Sep 2019 17:33

Tgt Ion:105 Resp: 82303
 Ion Ratio Lower Upper
 105 100
 134 0.5 9.5 28.5#





#90

Hexachloroethane

Concen: 3.096 ug/l

RT: 13.90 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

Instrument :

MSVOA_N

ClientSampled :

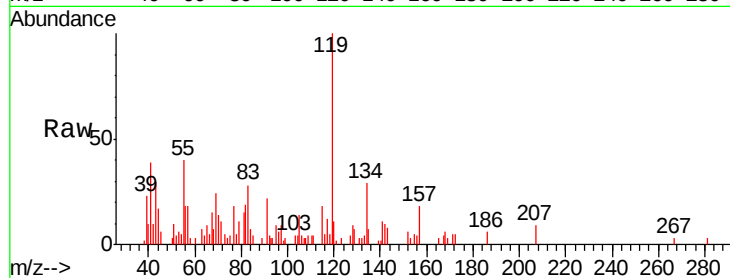
40241

Tgt Ion:117 Resp: 901

Ion Ratio Lower Upper

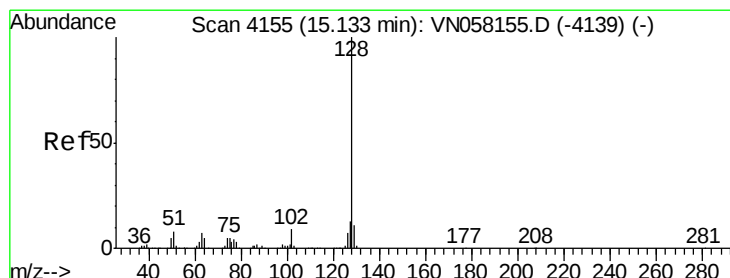
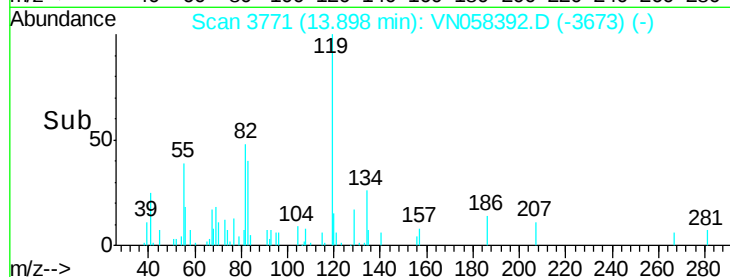
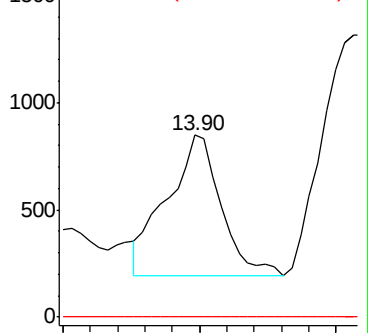
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 12.514 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058392.D

Acq: 26 Sep 2019 17:33

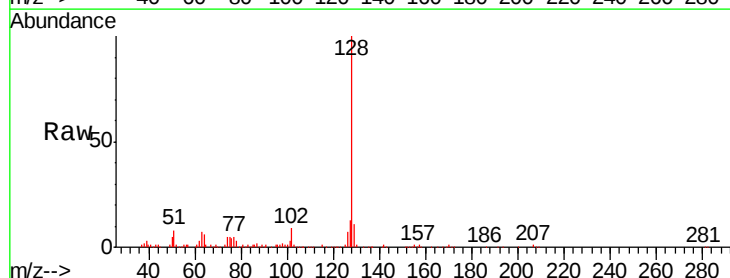
Tgt Ion:128 Resp: 193273

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

